

# Converting Colors

HunterLab(120.6421, -59.0693,  
52.1056)

Have a look what the booklet for  
HunterLab(120.6421, -59.0693,  
52.1056) contains.

<b>HunterLab(95.4705, -25.5815, 31.5646)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(95.4705,  
-25.5815, 31.5646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FFB4
RGB	227, 255, 180
RGB Percent	89%, 100%, 71%
CMY	0.1098, 0.0000, 0.2941
CMYK	0.11, 0.00, 0.29, 0.00
HSL	82°, 100%, 85%
HSV	82°, 29%, 100%
XYZ	75.6768, 91.1462, 56.7843
YIQ	238.0780, 7.3870, -29.2610

# Conversions

## Conversions Part 2

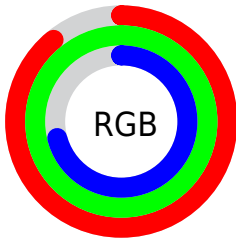
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 255, 208
Decimal	14942132
CIELab	96.47, -21.36, 32.93
CIELCh	96, 39.250, 122.973
Yxy	91.1464, 0.3384, 0.4076
Android (android.graphics.Color)	4293132212 (0xFFE3FFB4)
YUV	238.0780, -28.6325, -9.7154
Hunter-Lab	95.4705, -25.5815, 31.5646

# Details

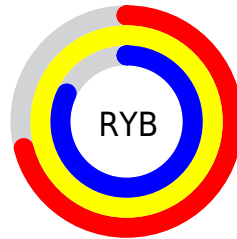
The HunterLab color  $95.4705, -25.5815, 31.5646$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $72.9888, 19.9452, -31.5269$ , and the grayscale version is  $92.6201, -4.9420, 5.0322$ .

A 20% lighter version of the original color is  $99.4164, -8.5426, 13.7834$ , and  $71.1185, -22.0048, 26.6985$  is the 20% darker color. If you saturate the color by 10%, you get  $94.1782, -31.3930, 38.0976$ , and if you desaturate by 10%, it is  $96.8887, -19.2119, 23.8270$ .

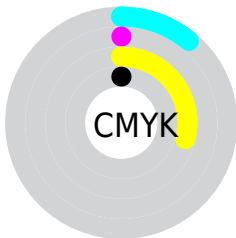
# Distribution



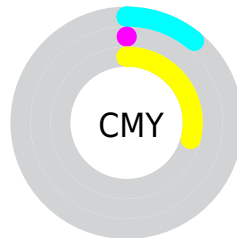
- Red (89%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.4705, -25.5815, 31.5646 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 95.4705, -25.5815, 31.5646 by changing the saturation by 10% instead.





 95.4705, -25.5815,  
31.5646

 95.4705, -25.5815,  
31.5646


230.5977,  
-40.3472, 50.8291

 83.0252, -23.8994,  
29.2493


 122.0368,  
-28.8970, 36.0406

 71.1732, -22.1941,  
26.8679


136.1129,  
-30.5399, 38.2206

 59.9459, -20.4569,  
24.4029


150.6922,  
-32.1770, 40.3708

 49.3802, -18.6762,  
21.8323

165.7578,  
-33.8107, 42.4964

 39.5206, -16.8359,  
19.1260

181.2944,  
-35.4431, 44.6017

 30.4217, -14.9116,  
16.2423

197.2882,

 22.1534, -12.8650,

-37.0758, 46.6903

13.1291

213.7266,  
-38.7101, 48.7652

■ 14.8096, -10.6290,  
10.3667

■ 8.4634, -11.4501,  
5.9244

■ 95.4705, -25.5815,  
31.5646

■ 95.4705, -25.5815,  
31.5646

■ 94.1782, -31.3930,  
38.0976

■ 96.8887, -19.2119,  
23.8270

■ 93.0103, -36.6346,  
43.4314

■ 98.4326, -12.3051,  
14.8995

■ 91.9647, -41.3005,  
47.5869

100.0000, -5.3358,  
5.4332

■ 91.0377, -45.3946,  
50.6079

■ 90.2241, -48.9330,  
52.5649

■ 89.5164, -51.9472,  
53.5633

■ 88.9011, -54.5068,  
53.7974

■ 88.8667, -54.6494,  
53.8025

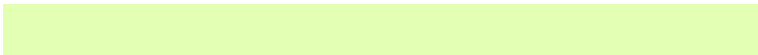
# Harmonies

## Analogous

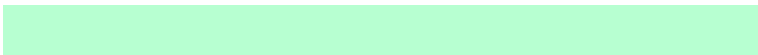
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4706, -7.1310, 35.5255



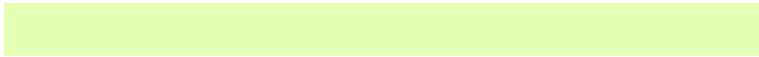
95.4705, -25.5815, 31.5646



95.4706, -37.6778, 20.6868

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.4706, -25.5810, 31.5639



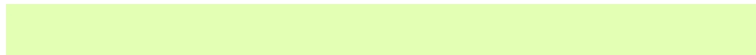
95.4706, -22.3270, -34.5131



95.4706, 37.4520, 7.1174

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.4705, -25.5815, 31.5646



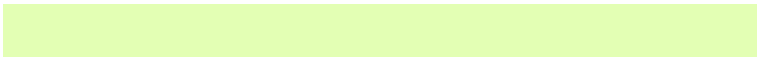
72.9888, 19.9452, -31.5269

# Split Complementary

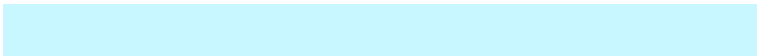
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4706, 32.5345, -13.4217



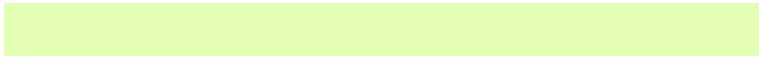
95.4705, -25.5815, 31.5646



95.4706, -3.0502, -40.2414

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



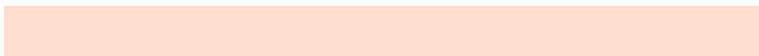
95.4706, -25.5810, 31.5639



95.4706, -35.9132, -17.4975



95.4706, 17.2696, -31.8331

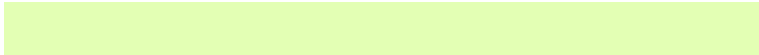


95.4706, 30.1983, 23.4035

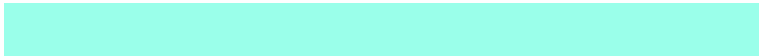


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.4705, -25.5815, 31.5646



95.4706, -41.0920, 9.6628



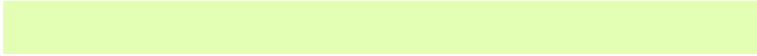
95.4706, 17.2696, -31.8331



95.4706, 37.1687, 0.5039

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.4706, -25.5810, 31.5639



98.4988, -12.0102, 14.5076



83.3213, 8.2475, 20.7596



45.4622, -6.0379, 7.3499

0.0000, NaN, NaN

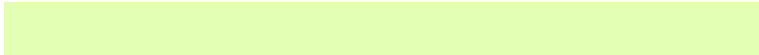


46.2646, -2.4686, 2.5136

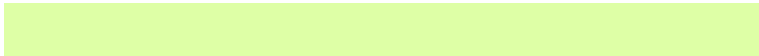


# Same Dimension

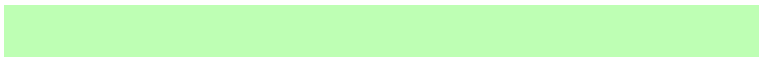
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4706, -25.5810, 31.5639



94.7328, -28.8991, 35.3642



92.6082, -36.3271, 28.7831



45.5325, -5.7240, 6.9344



64.3063, -39.2273, 38.9385



20.2207, -11.6184, 12.2565



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.9888, 19.9452, -31.5269



68.2300, 25.0421, -39.7301



76.9909, 32.2597, -24.8504



42.0809, 1.1998, -2.5802



22.6438, 55.4383, -114.5150

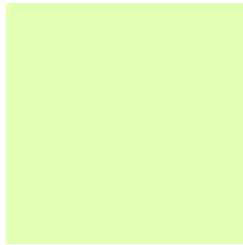


7.4771, 17.7173, -33.2493



# Previews

## White Background



This preview shows how the HunterLab color 95.4705, -25.5815, 31.5646 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

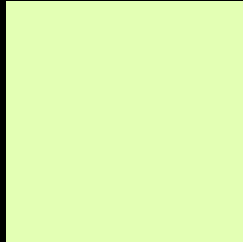
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.4705, -25.5815, 31.5646 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

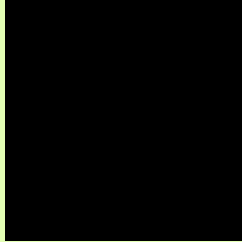
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

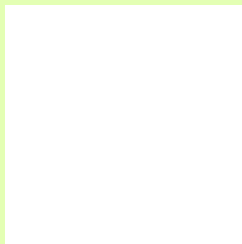
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 95.4705, -25.5815, 31.5646 Background



This preview shows how black text looks on a background with the HunterLab color 95.4705, -25.5815, 31.5646.



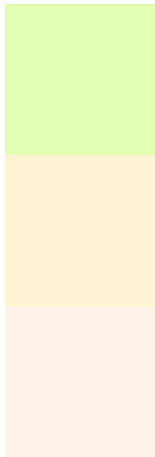
This preview shows how white text looks on a background with the HunterLab color 95.4705,

-25.5815, 31.5646.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

95.4705, -25.5815, 31.5646

### Protanopia

95.1917, -6.7772, 20.5612

### Deuteranopia

95.2090, -2.1934, 10.6217

## **Tritanopia**

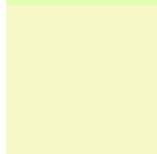
95.1957, -4.0669, -0.3359

# Trichromacy



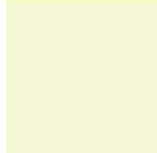
## Original Color

95.4705, -25.5815, 31.5646



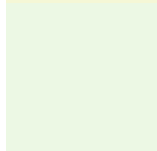
## Protanomaly

95.2212, -13.7980, 24.7895



## Deuteranomaly

95.2833, -11.1546, 18.9313



## Tritanomaly

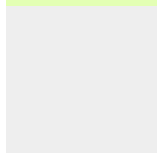
95.1678, -12.4358, 12.6964

# Monochromacy



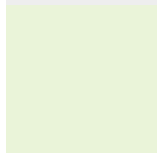
## Original Color

95.4705, -25.5815, 31.5646



## Achromatopsia

92.4658, -4.9337, 5.0238



## Achromatomaly

93.3828, -12.7820, 15.6390

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.4705, -25.5815, 31.5646 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 180) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.4705, -25.5815, 31.5646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 255, 180) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(227, 255, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(227, 255, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
180) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.4705, -25.5815, 31.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
255, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor