

# Converting Colors

HunterLab(103.5008, -30.0881,  
37.5030)

Have a look what the booklet for  
HunterLab(103.5008, -30.0881,  
37.5030) contains.

<b>HunterLab(96.8587, -20.3665, 31.9041)</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(96.8587,  
-20.3665, 31.9041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FFB7
RGB	242, 255, 183
RGB Percent	95%, 100%, 72%
CMY	0.0510, 0.0000, 0.2823
CMYK	0.05, 0.00, 0.28, 0.00
HSL	71°, 100%, 86%
HSV	71°, 28%, 100%
XYZ	80.9252, 93.8161, 58.6429
YIQ	242.9050, 15.3640, -25.1480

# Conversions

## Conversions Part 2

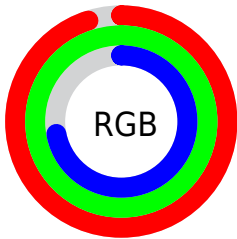
Format	Color
<a href="#">RYB</a>	<a href="#">183, 255, 196</a>
Decimal	<a href="#">15925175</a>
CIELab	<a href="#">97.56, -15.57, 33.07</a>
CIELCh	<a href="#">98, 36.550, 115.222</a>
Yxy	<a href="#">93.8163, 0.3467, 0.4020</a>
Android (android.graphics.Color)	<a href="#">4294115255 (0xFFFF2FFB7)</a>
YUV	<a href="#">242.9050, -29.5332, -0.7937</a>
Hunter-Lab	<a href="#">96.8587, -20.3665, 31.9041</a>

# Details

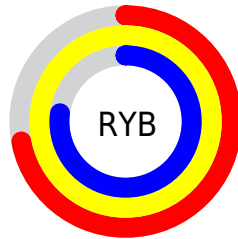
The HunterLab color **96.8587, -20.3665, 31.9041** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.6801, 14.6406, -32.1363**, and the grayscale version is **94.7512, -5.0557, 5.1480**.

A 20% lighter version of the original color is **99.5048, -8.0556, 12.5154**, and **72.3101, -17.5219, 27.2211** is the 20% darker color. If you saturate the color by 10%, you get **95.9397, -24.7326, 38.8325**, and if you desaturate by 10%, it is **97.8781, -15.4962, 23.6960**.

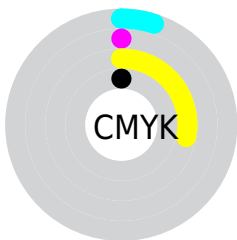
# Distribution



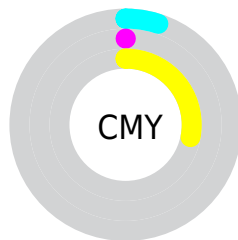
- Red (95%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.8587, -20.3665, 31.9041 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 96.8587, -20.3665, 31.9041 by changing the saturation by 10% instead.





 96.8587, -20.3665,  
31.9041

 96.8587, -20.3665,  
31.9041


232.4583,  
-33.0474, 51.1980

 84.3506, -18.9687,  
29.5878


 123.5428,  
-23.1545, 36.3844

 72.4326, -17.5643,  
27.2064


137.6746,  
-24.5505, 38.5673

 61.1356, -16.1478,  
24.7430


152.3075,  
-25.9504, 40.7207

 50.4960, -14.7121,  
22.1760

167.4250,  
-27.3554, 42.8498

 40.5572, -13.2473,  
19.4763

183.0121,  
-28.7668, 44.9588

 31.3725, -11.7381,  
16.6036

199.0548,

 23.0099, -10.1606,

-30.1855, 47.0512

13.5022

215.5408,  
-31.6121, 49.1301

■ 15.5599, -8.4733,  
10.8919

■ 9.1472, -7.9080,  
6.4030

■ 96.8587, -20.3665,  
31.9041

■ 96.8587, -20.3665,  
31.9041

■ 95.9397, -24.7326,  
38.8325

■ 97.8781, -15.4962,  
23.6960

■ 95.1182, -28.5981,  
44.5030

■ 98.9993, -10.1266,  
14.2056

■ 94.3906, -31.9716,  
48.9520

100.0000, -5.3358,  
5.4332

■ 93.7523, -34.8702,  
52.2359

■ 93.1974, -37.3204,  
54.4347

■ 92.7181, -39.3609,  
55.6578

■ 92.3027, -41.0547,  
56.0747

■ 92.2330, -41.3355,  
56.1099

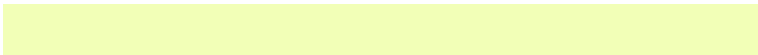
# Harmonies

## Analogous

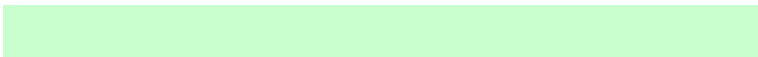
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.8588, -2.0878, 34.0799



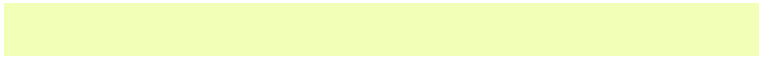
96.8587, -20.3665, 31.9041



96.8588, -33.5932, 23.1955

# Triad

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



96.8588, -20.3661, 31.9034



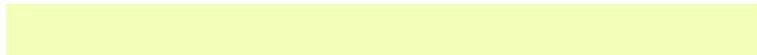
96.8588, -25.2896, -28.1266



96.8588, 34.3087, 2.3097

# Complementary

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



96.8587, -20.3665, 31.9041



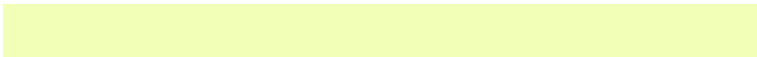
72.6801, 14.6406, -32.1363

# 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.



96.8588, 26.9556, -16.9049



96.8587, -20.3665, 31.9041



96.8588, -8.2208, -36.5192

# Square

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



96.8588, -20.3661, 31.9034



96.8588, -36.2772, -10.8685



96.8588, 11.0177, -32.0593



96.8588, 30.4300, 19.0390

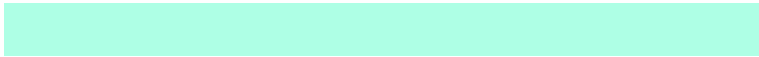


# Rectangle

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



96.8587, -20.3665, 31.9041



96.8588, -38.2599, 13.7862



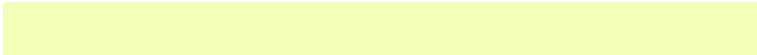
96.8588, 11.0177, -32.0593



96.8588, 33.0532, -4.0923

# Sweetspot

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



96.8588, -20.3661, 31.9034



99.0268, -9.9948, 13.9678



79.8186, 15.3012, 16.1731



45.7331, -5.0133, 7.1627

0.0000, NaN, NaN

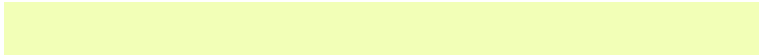


46.2646, -2.4686, 2.5136

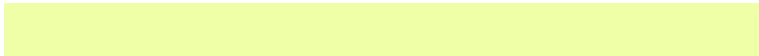


# Same Dimension

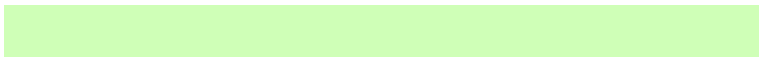
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.8588, -20.3661, 31.9034



96.3168, -22.9451, 36.0536



93.9173, -31.2366, 29.0416



45.7331, -5.0133, 7.1627



66.7162, -29.7052, 40.5902



20.9167, -8.8875, 12.7332



# Inverse Universe

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



72.6801, 14.6406, -32.1363



67.4691, 19.1439, -41.2293



76.2083, 25.7672, -26.1945



41.8753, 0.4997, -2.8592



20.3022, 53.3498, -130.9235

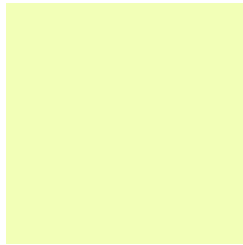


6.6483, 16.9104, -38.5320



# Previews

## White Background



This preview shows how the HunterLab color 96.8587, -20.3665, 31.9041 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 96.8587, -20.3665, 31.9041 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

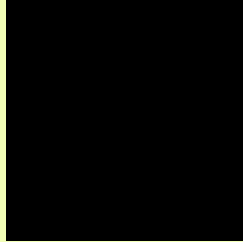
Any Text WCAG AA ✓ Pass

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 96.8587, -20.3665, 31.9041 Background



This preview shows how black text looks on a background with the HunterLab color 96.8587, -20.3665, 31.9041.



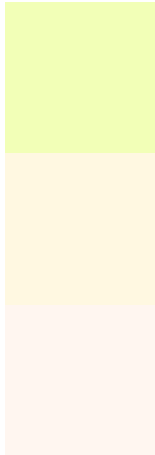
This preview shows how white text looks on a background with the HunterLab color 96.8587, -20.3665, 31.9041.

-20.3665, 31.9041.

# 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

96.8587, -20.3665, 31.9041

### Protanopia

96.8664, -6.6214, 15.9717

### Deuteranopia

96.6762, -3.1504, 8.9582

## **Tritanopia**

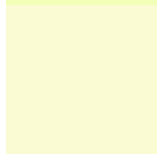
96.6724, -2.2027, 1.5068

# Trichromacy



## Original Color

96.8587, -20.3665, 31.9041



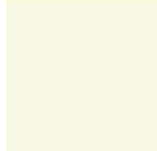
## Protanomaly

96.9389, -12.1061, 22.2290



## Deuteranomaly

96.5349, -9.7564, 18.1524



## Tritanomaly

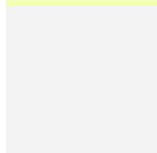
96.5312, -9.2073, 13.7906

# Monochromacy



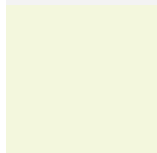
## Original Color

96.8587, -20.3665, 31.9041



## Achromatopsia

94.6715, -5.0514, 5.1437



## Achromatomaly

95.2873, -10.7569, 15.9631

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.8587, -20.3665, 31.9041 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(242, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 183)  
}
```

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(242, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 183) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.8587, -20.3665, 31.9041 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(242, 255, 183) }
```



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

```
.border{ border-color:rgb(242, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
183) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.8587, -20.3665, 31.9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 183) }
```

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

```
.background{ background-color: rgb(242,  
255, 183) }
```

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