

# Converting Colors

HunterLab(96.3686, -20.6630,  
19.8795)

Have a look what the booklet for  
HunterLab(96.3686, -20.6630,  
19.8795) contains.

<b>HunterLab(96.3686, -20.6630, 19.8795)</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(96.3686,  
-20.6630, 19.8795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FFD6
RGB	228, 255, 214
RGB Percent	89%, 100%, 84%
CMY	0.1059, 0.0000, 0.1608
CMYK	0.11, 0.00, 0.16, 0.00
HSL	100°, 100%, 92%
HSV	100°, 16%, 100%
XYZ	79.8926, 92.8691, 77.3330
YIQ	242.2530, -2.9310, -18.4750

# Conversions

## Conversions Part 2

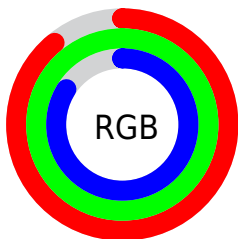
Format	Color
<b>R<sub>YB</sub></b>	214, 255, 241
Decimal	15007702
CIE Lab	97.17, -15.95, 16.68
CIE LCh	97, 23.080, 133.703
Yxy	92.8693, 0.3194, 0.3713
Android (android.graphics.Color)	4293197782 (0xFFE4FFD6)
YUV	242.2530, -13.9287, -12.4999
Hunter-Lab	96.3686, -20.6630, 19.8795

# Details

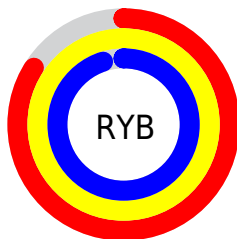
The HunterLab color **96.3686, -20.6630, 19.8795** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86.0320, 12.0529, -11.9766**, and the grayscale version is **94.4022, -5.0371, 5.1291**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **71.8763, -17.8402, 16.9204** is the 20% darker color. If you saturate the color by 10%, you get **94.3675, -29.3019, 27.5652**, and if you desaturate by 10%, it is **98.5683, -11.3246, 11.1846**.

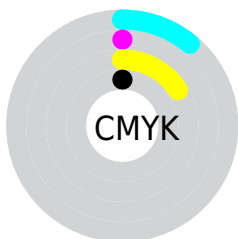
# Distribution



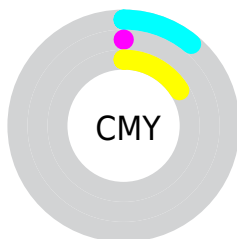
- Red (89%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.3686, -20.6630, 19.8795 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 96.3686, -20.6630, 19.8795 by changing the saturation by 10% instead.




 96.3686, -20.6630,  
19.8795

 96.3686, -20.6630,  
19.8795


231.8019,  
-33.4747, 32.9980

 83.8826, -19.2467,  
18.4190


123.0113,  
-23.4841, 22.7800

 71.9878, -17.8230,  
16.9469


137.1235,  
-24.8958, 24.2280

 60.7154, -16.3857,  
15.4560


151.7375,  
-26.3106, 25.6774

 50.1018, -14.9276,  
13.9373

166.8367,  
-27.7300, 27.1300

 40.1908, -13.4380,  
12.3779

182.4060,  
-29.1552, 28.5873

 31.0362, -11.9010,  
10.7584

198.4315,

 22.7067, -10.2915,

-30.5873, 30.0505

9.0486

214.9007,  
-32.0269, 31.5205

■ 15.2940, -8.5656,  
7.2023

■ 8.9122, -8.2727,  
6.2385

■ 96.3686, -20.6630,  
19.8795

■ 96.3686, -20.6630,  
19.8795

■ 94.3675, -29.3019,  
27.5652

■ 98.5683, -11.3246,  
11.1846

■ 92.5683, -37.1827,  
34.1951

100.0000, -5.3358,  
5.4332

■ 90.9731, -44.2518,  
39.7347

■ 89.5820, -50.4668,  
44.1705

■ 88.3927, -55.8009,  
47.5135

■ 87.4001, -60.2461,  
49.8057

■ 86.5959, -63.8185,  
51.1271

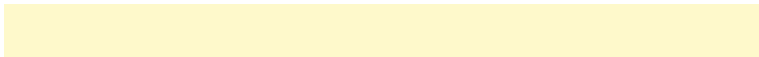
■ 85.9672, -66.5653,  
51.6092

■ 85.7612, -67.4575,  
51.6647

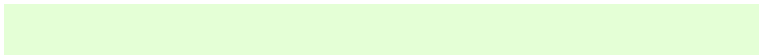
# Harmonies

## Analogous

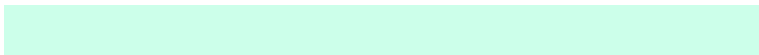
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.3687, -10.5830, 24.3224



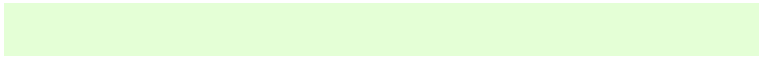
96.3686, -20.6630, 19.8795



96.3687, -26.4247, 11.2370

# Triad

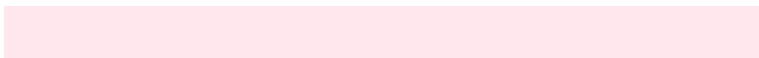
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.3687, -20.6623, 19.8788



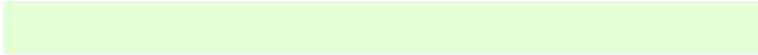
96.3687, -11.5731, -18.4392



96.3687, 18.4506, 10.3299

# Complementary

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



96.3686, -20.6630, 19.8795



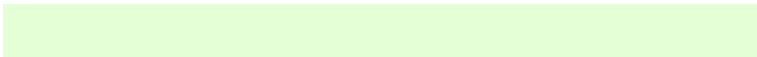
86.0320, 12.0529, -11.9766

# Split Complementary

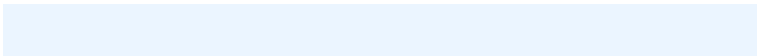
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3687, 18.1533, -1.1570



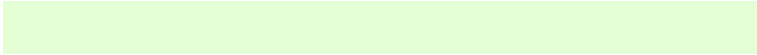
96.3686, -20.6630, 19.8795



96.3687, 0.4120, -18.7603

# Square

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



96.3687, -20.6623, 19.8788



96.3687, -21.3563, -11.2871



96.3687, 11.4162, -12.1168

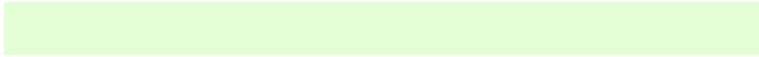


96.3687, 12.2096, 19.2854



# Rectangle

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



96.3686, -20.6630, 19.8795



96.3687, -27.2286, 3.8090



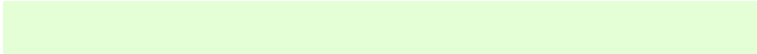
96.3687, 11.4162, -12.1168



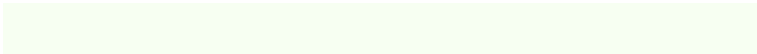
96.3687, 19.1210, 6.6605

# Sweetspot

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



96.3687, -20.6623, 19.8788



98.8170, -10.2793, 10.1900



94.2439, -4.4467, 17.9709



45.6421, -5.0714, 5.0150

0.0000, NaN, NaN

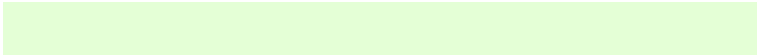


46.2646, -2.4686, 2.5136

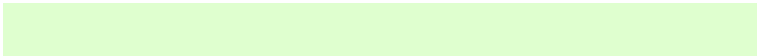


# Same Dimension

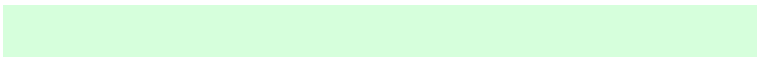
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3687, -20.6623, 19.8788



95.7632, -23.2621, 22.2317



95.3896, -23.9095, 16.2089



45.2433, -6.7542, 6.6038



62.0524, -48.5122, 37.3871



19.5105, -14.5179, 11.7681



# Inverse Universe

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



86.0320, 12.0529, -11.9766



83.5967, 15.2742, -15.3202



87.2837, 15.6898, -6.7372



42.3930, 2.2559, -2.1593



28.6427, 62.2224, -83.5901

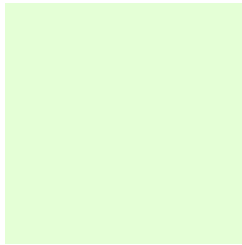


9.2692, 19.8365, -24.7290



# Previews

## White Background



This preview shows how the HunterLab color 96.3686, -20.6630, 19.8795 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

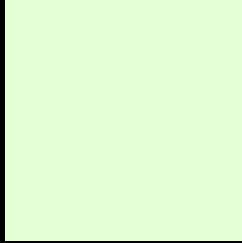
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.3686, -20.6630, 19.8795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

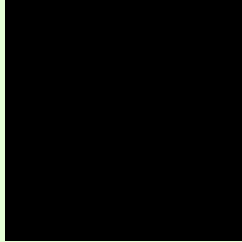
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

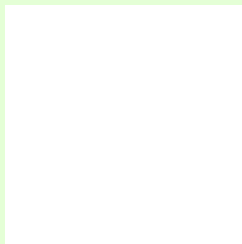
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.3686, -20.6630, 19.8795 Background



This preview shows how black text looks on a background with the HunterLab color 96.3686, -20.6630, 19.8795.



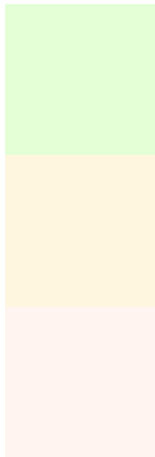
This preview shows how white text looks on a background with the HunterLab color 96.3686,

-20.6630,19.8795.

# 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

96.3686, -20.6630, 19.8795

### Protanopia

96.1765, -5.8843, 16.1234

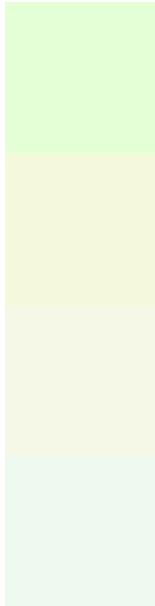
### Deuteranopia

96.0482, -2.0906, 8.2593

## **Tritanopia**

96.3308, -5.0101, 1.0414

# Trichromacy



## Original Color

96.3686, -20.6630, 19.8795

## Protanomaly

96.0891, -11.2770, 17.2329

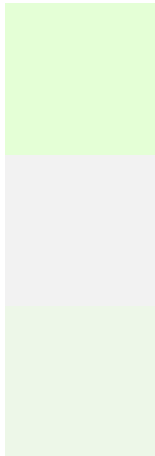
## Deuteranomaly

96.0816, -9.0275, 12.3950

## Tritanomaly

96.3533, -10.8292, 8.4555

# Monochromacy



## Original Color

96.3686, -20.6630, 19.8795

## Achromatopsia

94.2297, -5.0279, 5.1197

## Achromatomaly

95.0538, -10.9468, 10.7604

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.3686, -20.6630, 19.8795 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(228, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 214)  
}
```

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(228, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.3686, -20.6630, 19.8795 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".

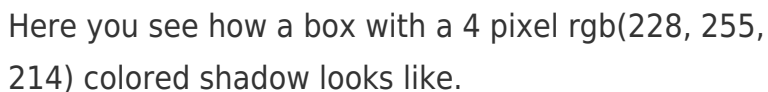
```
.border, #border, table{ border:4px solid rgb(228, 255, 214) }
```



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

```
.border{ border-color:rgb(228, 255, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
214) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.3686, -20.6630, 19.8795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 214) }
```

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

```
.background{ background-color: rgb(228,  
255, 214) }
```

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