

# Converting Colors

HunterLab(96.1459, -10.9615,  
0.6472)

Have a look what the booklet for  
HunterLab(96.1459, -10.9615,  
0.6472) contains.

<b>HunterLab(96.0465, -10.9496, 0.5898)</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(96.0465,  
-10.9496, 0.5898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5FAFF
RGB	229, 250, 255
RGB Percent	90%, 98%, 100%
CMY	0.1020, 0.0196, 0.0000
CMYK	0.10, 0.02, 0.00, 0.00
HSL	192°, 100%, 95%
HSV	192°, 10%, 100%
XYZ	84.5488, 92.2493, 107.9575
YIQ	244.2910, -14.1210, -2.8970

# Conversions

## Conversions Part 2

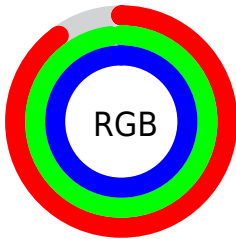
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 241, 255
Decimal	15071999
CIE Lab	96.92, -5.87, -4.74
CIE LCh	97, 7.540, 218.913
Yxy	92.2531, 0.2969, 0.3240
Android (android.graphics.Color)	4293262079 (0xFFE5FAFF)
YUV	244.2910, 5.2795, -13.4102
Hunter-Lab	96.0465, -10.9496, 0.5898

# Details

The HunterLab color  $96.0465, -10.9496, 0.5898$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $92.6072, 1.3986, 9.6281$ , and the grayscale version is  $95.2260, -5.0810, 5.1738$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.7949, -9.4874, -0.0470$  is the 20% darker color. If you saturate the color by 10%, you get  $92.3886, -15.8092, -4.0614$ , and if you desaturate by 10%, it is  $99.9223, -5.4491, 5.3397$ .

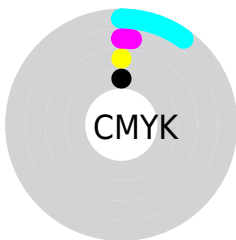
# Distribution



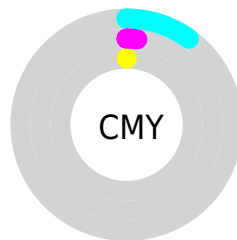
- Red (90%)
- Green (98%)
- Blue (100%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.0465, -10.9496, 0.5898 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 96.0465, -10.9496, 0.5898 by changing the saturation by 10% instead.



96.0465, -10.9496,  
0.5898

96.0465, -10.9496,  
0.5898

231.3726,  
-20.2040, 6.4459

83.5768, -10.0154,  
0.1130

122.6638,  
-12.8794, 1.6654

71.6972, -9.0968,  
-0.3246

136.7632,  
-13.8709, 2.2552

60.4409, -8.1953,  
-0.7175

151.3648,  
-14.8809, 2.8783

49.8443, -7.3096,  
-1.0618

166.4521,  
-15.9092, 3.5331

39.9516, -6.4380,  
-1.3527

182.0097,  
-16.9559, 4.2183

30.8168, -5.5771,  
-1.5839

198.0240,

22.5091, -4.7212,

-18.0207, 4.9329

-1.7469

214.4822,  
-19.1034, 5.6757

■ 15.1208, -3.8596,  
-1.8298

■ 8.7549, -3.3877,  
-1.8629

■ 96.0465, -10.9496,  
0.5898

■ 96.0465, -10.9496,  
0.5898

■ 92.3886, -15.8092,  
-4.0614

99.9223, -5.4491,  
5.3397

■ 88.9539, -19.9551,  
-8.5948

100.0000, -5.3358,  
5.4332

■ 85.7542, -23.3253,  
-12.9783

■ 82.7976, -25.8625,  
-17.1803

■ 80.0894, -27.5219,  
-21.1689

■ 77.6307, -28.2787,  
-24.9156

■ 75.4163, -28.1374,  
-28.3992

■ 73.4325, -27.1442,  
-31.6134

■ 71.6717, -25.4953,  
-34.5463

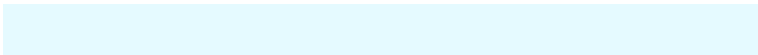
# Harmonies

## Analogous

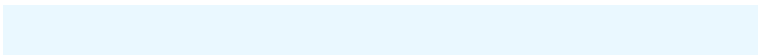
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0485, -12.4976, 4.1054



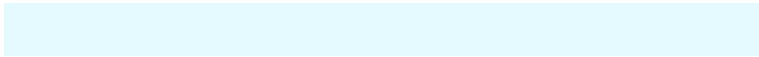
96.0465, -10.9496, 0.5898



96.0485, -7.8396, -1.7391

# Triad

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



96.0485, -10.9518, 0.5922



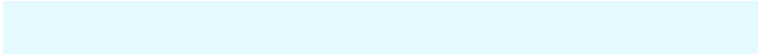
96.0485, 2.0383, 2.6000



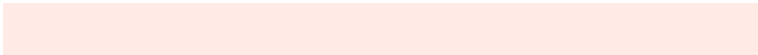
96.0485, -6.3005, 12.0763

# Complementary

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



96.0465, -10.9496, 0.5898



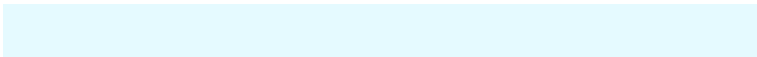
92.6072, 1.3986, 9.6281

# 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.



96.0485, -2.3902, 11.7097



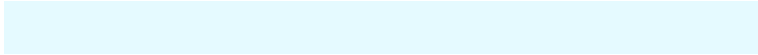
96.0465, -10.9496, 0.5898



96.0485, 2.4665, 6.3376

# Square

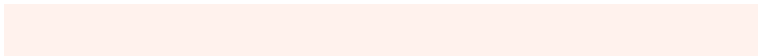
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.0485, -10.9518, 0.5922



96.0485, -0.3268, -0.5478



96.0485, 0.8338, 9.6440

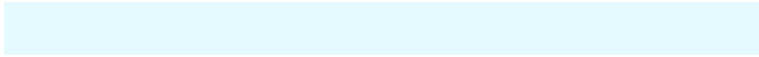


96.0485, -9.8407, 10.6663

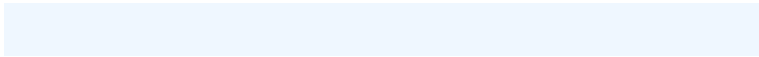


# Rectangle

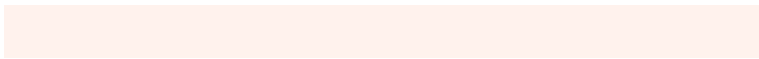
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.0465, -10.9496, 0.5898



96.0485, -5.2737, -2.2569



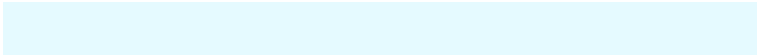
96.0485, 0.8338, 9.6440



96.0485, -4.9863, 12.1555

# Sweetspot

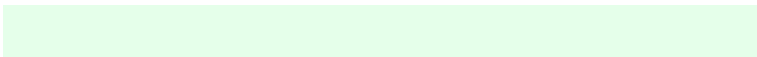
The Sweet Spot groups the original color and five complimentary colors.



96.0485, -10.9518, 0.5922



98.8149, -7.0538, 4.0001



97.0080, -17.2386, 12.0047



45.5712, -3.4717, 1.6739

0.0000, NaN, NaN

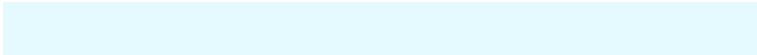


46.2646, -2.4686, 2.5136

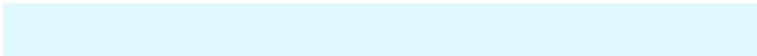


# Same Dimension

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



96.0485, -10.9518, 0.5922



95.3718, -11.8781, -0.2553



91.9689, -4.2861, -4.3954



44.5571, -4.9002, 0.4244



52.0117, -18.7054, -24.6304



16.6708, -6.4291, -6.9585



# Inverse Universe

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



91.7618, 7.7126, -1.7622



90.3514, 10.0521, -3.0268



96.5902, -5.3489, 13.9213



42.7048, 3.1550, -0.5910



36.6864, 69.2322, -25.9500

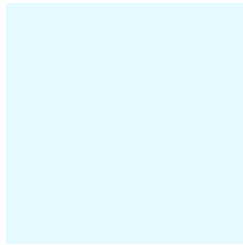


11.5113, 21.8285, -8.9572



# Previews

## White Background



This preview shows how the HunterLab color 96.0465, -10.9496, 0.5898 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

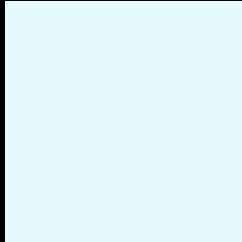
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.0465, -10.9496, 0.5898 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

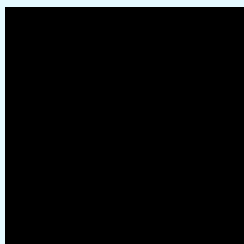
Any Text WCAG AA ✓ Pass

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 96.0465, -10.9496, 0.5898 Background



This preview shows how black text looks on a background with the HunterLab color 96.0465, -10.9496, 0.5898.



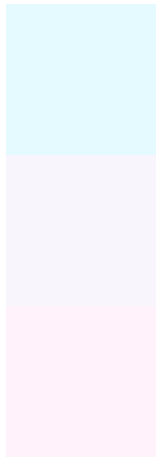
This preview shows how white text looks on a background with the HunterLab color 96.0465,

-10.9496 0.5898.

# 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

96.0465, -10.9496, 0.5898

### Protanopia

96.0674, -2.8716, 2.3074

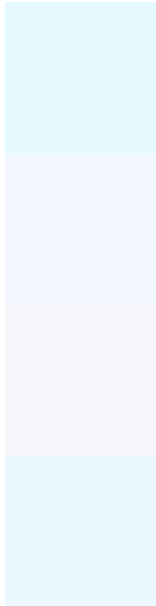
### Deuteranopia

95.7754, 0.8835, 2.5329

## **Tritanopia**

96.0556, -5.9683, 0.6882

# Trichromacy



## Original Color

96.0465, -10.9496, 0.5898

## Protanomaly

96.0803, -6.0157, 1.7538

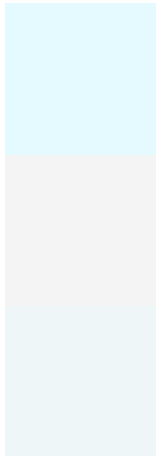
## Deuteranomaly

95.8780, -3.5267, 2.0669

## Tritanomaly

96.0144, -7.7535, 0.6065

# Monochromacy



## Original Color

96.0465, -10.9496, 0.5898

## Achromatopsia

95.1137, -5.0750, 5.1677

## Achromatomaly

95.4147, -7.0320, 3.4869

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.0465, -10.9496, 0.5898 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(229, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 250, 255)  
}
```

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(229, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 250, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.0465, -10.9496, 0.5898 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(229, 250, 255) }
```



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

```
.border{ border-color:rgb(229, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 250,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.0465, -10.9496, 0.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 250, 255) }
```

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

```
.background{ background-color: rgb(229,  
250, 255) }
```

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