

# Converting Colors

HunterLab(95.1934, -5.8498,  
-0.2408)

Have a look what the booklet for  
HunterLab(95.1934, -5.8498,  
-0.2408) contains.

<b>HunterLab(95.1469, -5.8660, -0.4276)</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(95.1469, -5.8660,  
-0.4276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDF5FF
RGB	237, 245, 255
RGB Percent	93%, 96%, 100%
CMY	0.0706, 0.0392, 0.0000
CMYK	0.07, 0.04, 0.00, 0.00
HSL	213°, 100%, 96%
HSV	213°, 7%, 100%
XYZ	85.6275, 90.5293, 107.5685
YIQ	243.7480, -7.9780, 1.4140

# Conversions

## Conversions Part 2

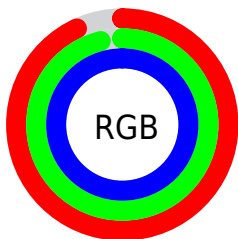
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 243, 255
Decimal	15595007
CIE Lab	96.22, -0.79, -5.71
CIE LCh	96, 5.768, 262.162
Yxy	90.5331, 0.3018, 0.3191
Android (android.graphics.Color)	4293785087 (0xFFEDF5FF)
YUV	243.7480, 5.5472, -5.9180
Hunter-Lab	95.1469, -5.8660, -0.4276

# Details

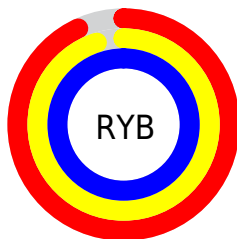
The HunterLab color  $95.1469, -5.8660, -0.4276$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $96.8989, -4.1758, 10.6107$ , and the grayscale version is  $94.9827, -5.0680, 5.1606$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $70.9198, -4.6897, -1.0467$  is the 20% darker color. If you saturate the color by 10%, you get  $88.4355, -6.2252, -9.0435$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

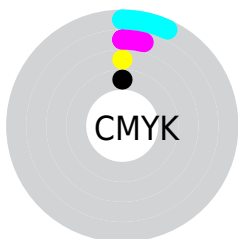
# Distribution



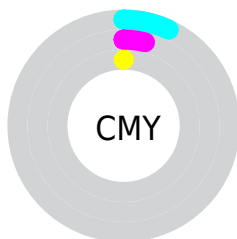
- Red (93%)
- Green (96%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.1469, -5.8660, -0.4276 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 95.1469, -5.8660, -0.4276 by changing the saturation by 10% instead.



95.1469, -5.8660,  
-0.4276

95.1469, -5.8660,  
-0.4276

230.1659,  
-13.3497, 5.1026

82.7181, -5.1684,  
-0.8617

121.6876, -7.3532,  
0.5672

70.8815, -4.4984,  
-1.2546

135.7508, -8.1361,  
1.1188

59.6704, -3.8597,  
-1.6005

150.3175, -8.9448,  
1.7049

49.1220, -3.2539,  
-1.8954

165.3710, -9.7785,  
2.3238

39.2809, -2.6827,  
-2.1338

180.8959,  
-10.6365, 2.9742

30.2021, -2.1485,  
-2.3090

196.8783,

21.9559, -1.6537,

-11.5181, 3.6549

-2.4118

213.3056,  
-12.4226, 4.3647

■ 14.6369, -1.2014,  
-2.4295

■ 8.2964, -0.8563,  
-2.4892

■ 95.1469, -5.8660,  
-0.4276

■ 95.1469, -5.8660,  
-0.4276

■ 88.4355, -6.2252,  
-9.0435

100.0000, -5.3358,  
5.4332

■ 81.9284, -6.0453,  
-18.0877

■ 75.6525, -5.2362,  
-27.6205

■ 69.6371, -3.6893,  
-37.7050

■ 63.9171, -1.2815,  
-48.3959

■ 58.5333, 2.1193,  
-59.7258

■ 53.5316, 6.6379,  
-71.6827

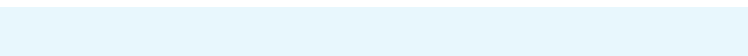
■ 48.9599, 12.3603,  
-84.1840

■ 44.8579, 19.2718,  
-97.0672

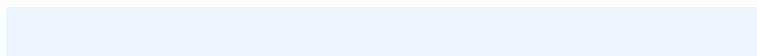
# Harmonies

## Analogous

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



95.1489, -8.5987, 0.7378



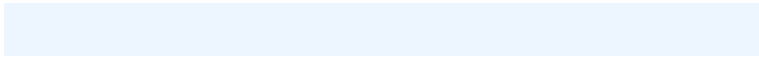
95.1469, -5.8660, -0.4276



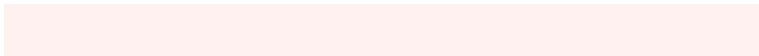
95.1489, -2.8938, -0.0502

# Triad

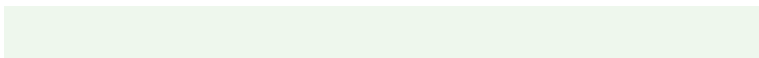
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1489, -5.8683, -0.4253



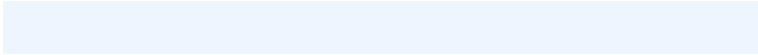
95.1489, 0.3255, 7.2283



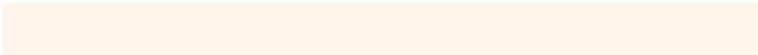
95.1489, -9.5999, 8.4879

# Complementary

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



95.1469, -5.8660, -0.4276



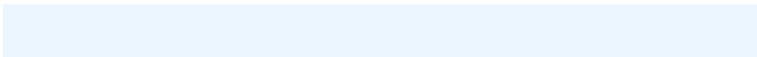
96.8989, -4.1758, 10.6107

# Split Complementary

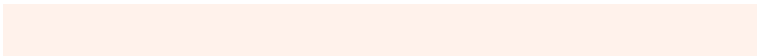
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1489, -7.2506, 10.1277



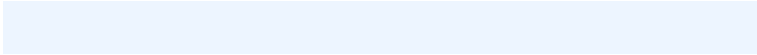
95.1469, -5.8660, -0.4276



95.1489, -1.5135, 9.4163

# Square

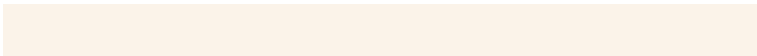
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



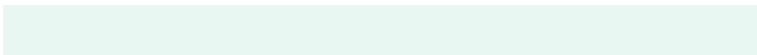
95.1489, -5.8683, -0.4253



95.1489, 0.7068, 4.4270



95.1489, -4.2932, 10.4622

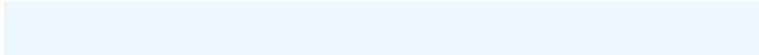


95.1489, -10.7356, 5.9254



# Rectangle

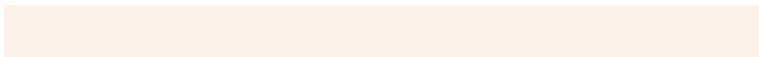
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1469, -5.8660, -0.4276



95.1489, -1.1746, 1.0165



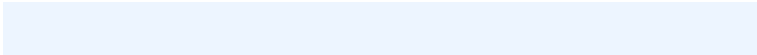
95.1489, -4.2932, 10.4622



95.1489, -8.9273, 9.1620

# Sweetspot

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



95.1489, -5.8683, -0.4253



98.6164, -5.5085, 3.7905



98.0990, -12.5338, 7.0935



45.6561, -2.5447, 1.7915

0.0000, NaN, NaN

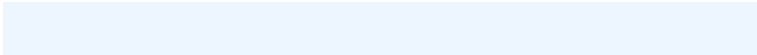


46.2646, -2.4686, 2.5136



# Same Dimension

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



95.1489, -5.8683, -0.4253



94.5083, -5.9226, -1.2206



92.7091, -1.3529, -3.4010



43.2521, -2.7762, -1.1555



32.0578, 14.5228, -71.4199



11.0204, 2.4494, -19.0621



# Inverse Universe

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



94.0332, 2.5026, 3.5155



93.2521, 3.5579, 3.2728



99.3601, -8.6815, 13.2628



42.5691, 2.4279, 1.3380



34.3008, 60.6554, 7.3254

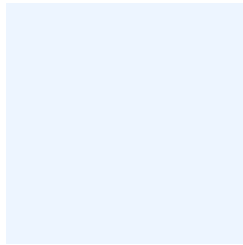


10.8035, 19.2928, 0.8447



# Previews

## White Background



This preview shows how the HunterLab color 95.1469, -5.8660, -0.4276 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

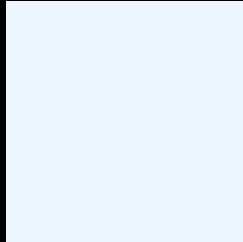
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.1469, -5.8660, -0.4276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

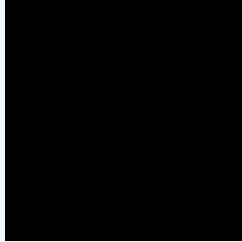
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

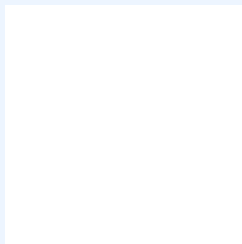
Any Text WCAG AAA ✓ Pass

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

# HunterLab 95.1469, -5.8660, -0.4276 Background



This preview shows how black text looks on a background with the HunterLab color 95.1469, -5.8660, -0.4276.



This preview shows how white text looks on a background with the HunterLab color 95.1469, -5.8660, -0.4276.

-0.476.

# 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

95.1469, -5.8660, -0.4276

### Protanopia

95.2205, -2.4284, 0.2476

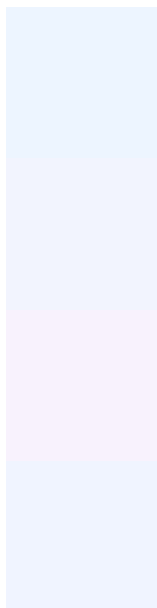
### Deuteranopia

95.1885, 2.1358, 1.3286

## **Tritanopia**

95.1957, -4.0669, -0.3359

# Trichromacy



## Original Color

95.1469, -5.8660, -0.4276

## Protanomaly

95.2546, -3.9301, 0.2632

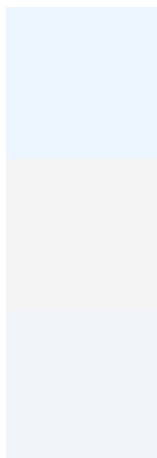
## Deuteranomaly

95.1591, -1.0952, 0.7172

## Tritanomaly

95.1034, -4.3869, -0.4555

# Monochromacy



## Original Color

95.1469, -5.8660, -0.4276

## Achromatopsia

95.1137, -5.0750, 5.1677

## Achromatomaly

94.9629, -5.3414, 2.9756

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.1469, -5.8660, -0.4276 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(237, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 245, 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(237, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 245, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.1469, -5.8660, -0.4276 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(237, 245, 255) }
```



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

```
.border{ border-color:rgb(237, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 245,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.1469, -5.8660, -0.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 245, 255) }
```

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

```
.background{ background-color: rgb(237,  
245, 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