

# Converting Colors

HunterLab(96.4694, -4.6894,  
1.0910)

Have a look what the booklet for  
HunterLab(96.4694, -4.6894, 1.0910)  
contains.

<b>HunterLab(96.4234, -4.6884, 1.1599)</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(96.4234, -4.6884,  
1.1599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4F7FF
RGB	244, 247, 255
RGB Percent	96%, 97%, 100%
CMY	0.0431, 0.0313, 0.0000
CMYK	0.04, 0.03, 0.00, 0.00
HSL	224°, 100%, 98%
HSV	224°, 4%, 100%
XYZ	88.6191, 92.9747, 107.8831
YIQ	247.0150, -4.3560, 1.8520

# Conversions

## Conversions Part 2

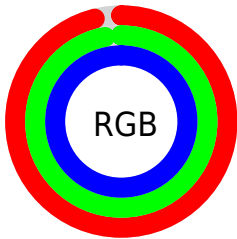
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	244, 246, 255
Decimal	16054271
CIE Lab	97.22, 0.46, -4.18
CIE LCh	97, 4.206, 276.228
Yxy	92.9786, 0.3061, 0.3212
Android (android.graphics.Color)	4294244351 (0xFF4F7FF)
YUV	247.0150, 3.9366, -2.6442
Hunter-Lab	96.4234, -4.6884, 1.1599

# Details

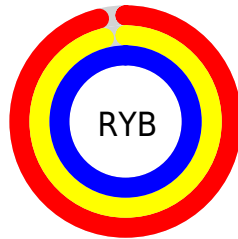
The HunterLab color  $96.4234, -4.6884, 1.1599$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $98.6965, -5.6455, 9.3013$ , and the grayscale version is  $96.4352, -5.1455, 5.2395$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.1320, -3.5811, 0.4703$  is the 20% darker color. If you saturate the color by 10%, you get  $88.2888, -2.8989, -9.1810$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

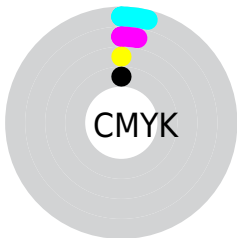
# Distribution



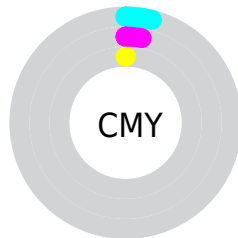
- Red (96%)
- Green (97%)
- Blue (100%)



- Red (96%)
- Yellow (96%)
- Blue (100%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.4234, -4.6884, 1.1599 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 96.4234, -4.6884, 1.1599 by changing the saturation by 10% instead.



96.4234, -4.6884,  
1.1599

96.4234, -4.6884,  
1.1599

231.8778,  
-11.7697, 7.1985

83.9367, -4.0446,  
0.6592

123.0727, -6.0753,  
2.2808

72.0392, -3.4308,  
0.1965

137.1872, -6.8108,  
2.8920

60.7639, -2.8516,  
-0.2227

151.8034, -7.5738,  
3.5358

50.1473, -2.3089,  
-0.5948

166.9047, -8.3632,  
4.2106

40.2331, -1.8054,  
-0.9151

182.4761, -9.1783,  
4.9154

31.0750, -1.3445,  
-1.1778

198.5036,

22.7417, -0.9305,

-10.0182, 5.6490

-1.3748

214.9747,  
-10.8822, 6.4103

■ 15.3247, -0.5692,  
-1.4945

■ 8.9397, -0.2551,  
-1.5442

■ 96.4234, -4.6884,  
1.1599

■ 96.4234, -4.6884,  
1.1599

■ 88.2888, -2.8989,  
-9.1810

100.0000, -5.3358,  
5.4332

■ 80.3861, -0.6186,  
-20.2567

■ 72.7509, 2.2617,  
-32.2344

■ 65.4268, 5.8827,  
-45.3153

■ 58.4705, 10.4161,  
-59.7221

■ 51.9568, 16.0586,  
-75.6641

■ 45.9831, 23.0009,  
-93.2489

■ 40.6730, 31.3459,  
-112.3007

■ 36.1700, 40.9383,  
-132.0769

# Harmonies

## Analogous

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



96.4254, -6.8493, 1.4932



96.4234, -4.6884, 1.1599



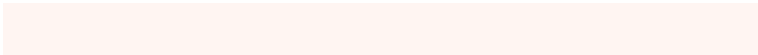
96.4254, -2.6376, 1.9461

# Triad

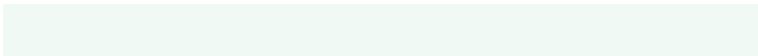
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.4254, -4.6909, 1.1624



96.4254, -1.7143, 7.5966



96.4254, -8.9907, 6.8566

# Complementary

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



96.4234, -4.6884, 1.1599



98.6965, -5.6455, 9.3013

# Split Complementary

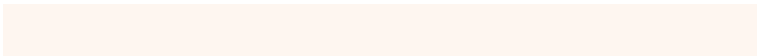
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4254, -7.6373, 8.4385



96.4234, -4.6884, 1.1599



96.4254, -3.4392, 8.8589

# Square

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



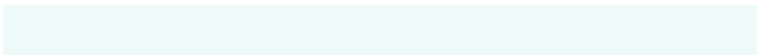
96.4254, -4.6909, 1.1624



96.4254, -0.9091, 5.6842



96.4254, -5.6086, 9.1636

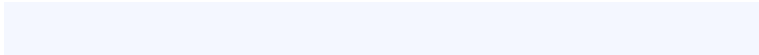


96.4254, -9.3192, 4.8112

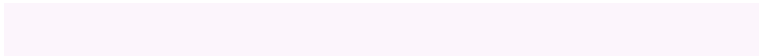


# Rectangle

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



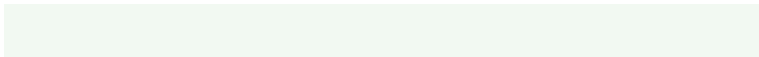
96.4234, -4.6884, 1.1599



96.4254, -1.6088, 2.9850



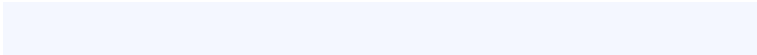
96.4254, -5.6086, 9.1636



96.4254, -8.6412, 7.4588

# Sweetspot

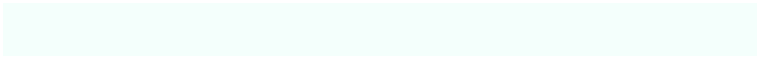
The Sweet Spot groups the original color and five complimentary colors.



96.4254, -4.6909, 1.1624



99.1679, -5.1925, 4.4523



98.8809, -9.4521, 5.6009



45.8987, -2.4056, 2.0824

0.0000, NaN, NaN

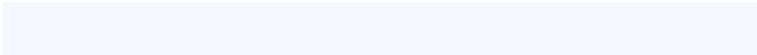


46.2646, -2.4686, 2.5136



# Same Dimension

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



96.4254, -4.6909, 1.1624



95.8595, -4.5815, 0.4722



95.7001, -2.3255, 0.3159



44.0817, -2.0669, -0.1095



24.9996, 32.4364, -101.2683

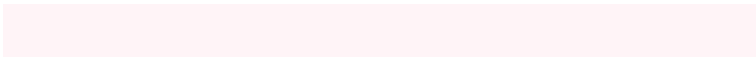


8.8382, 7.2586, -26.7163



# Inverse Universe

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



96.2696, -0.8907, 5.1080



95.6821, -0.1779, 5.0620



99.4297, -8.0175, 10.0907



43.9898, 0.2556, 2.3209



33.7029, 58.4593, 16.0263

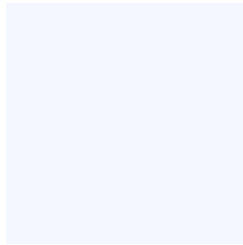


10.5991, 18.5453, 3.7937



# Previews

## White Background



This preview shows how the HunterLab color 96.4234, -4.6884, 1.1599 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

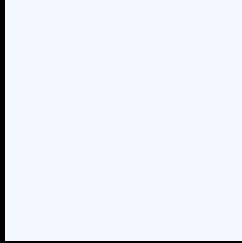
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.4234, -4.6884, 1.1599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

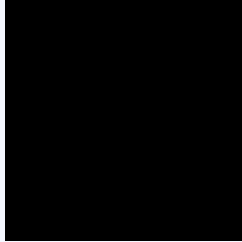
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

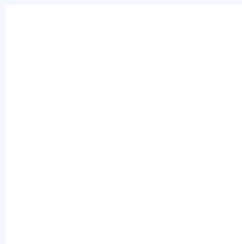
Any Text WCAG AAA ✓ Pass

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

# HunterLab 96.4234, -4.6884, 1.1599 Background



This preview shows how black text looks on a background with the HunterLab color 96.4234, -4.6884, 1.1599.



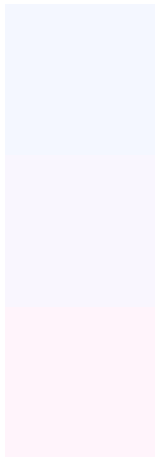
This preview shows how white text looks on a background with the HunterLab color 96.4234, -4.6884,

1.1599.

# 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

96.4234, -4.6884, 1.1599

### Protanopia

96.5438, -2.7130, 1.8583

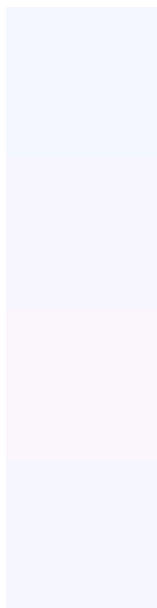
### Deuteranopia

96.3983, -0.1871, 3.2631

## Tritanopia

96.2935, -3.5117, 1.0221

# Trichromacy



## Original Color

96.4234, -4.6884, 1.1599

## Protanomaly

96.3543, -3.3681, 1.6168

## Deuteranomaly

96.3547, -1.8806, 2.6713

## Tritanomaly

96.1998, -3.8362, 0.9019

# Monochromacy



## Original Color

96.4234, -4.6884, 1.1599

## Achromatopsia

96.4423, -5.1459, 5.2399

## Achromatomaly

96.4451, -4.9426, 3.7426

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.4234, -4.6884, 1.1599 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(244, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 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(244, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.4234, -4.6884, 1.1599 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(244, 247, 255) }
```



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

```
.border{ border-color:rgb(244, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.4234, -4.6884, 1.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 255) }
```

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

```
.background{ background-color: rgb(244,  
247, 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](#).

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