

# Converting Colors

HunterLab(96.8532, -4.4522,  
1.6871)

Have a look what the booklet for  
HunterLab(96.8532, -4.4522, 1.6871)  
contains.

<b>HunterLab(96.9266, -4.5710, 1.7741)</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(96.9266, -4.5710,  
1.7741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F8FF
RGB	246, 248, 255
RGB Percent	96%, 97%, 100%
CMY	0.0353, 0.0274, 0.0000
CMYK	0.04, 0.03, 0.00, 0.00
HSL	227°, 100%, 98%
HSV	227°, 4%, 100%
XYZ	89.6235, 93.9477, 108.0179
YIQ	248.2000, -3.4390, 1.7530

# Conversions

## Conversions Part 2

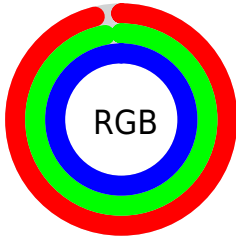
Format	Color
R <sub>Y</sub> B	246, 248, 255
Decimal	16185599
CIE Lab	97.61, 0.60, -3.59
CIE LCh	98, 3.635, 279.474
Yxy	93.9516, 0.3074, 0.3222
Android (android.graphics.Color)	4294375679 (0xFF6F8FF)
YUV	248.2000, 3.3524, -1.9294
Hunter-Lab	96.9266, -4.5710, 1.7741

# Details

The HunterLab color 96.9266, -4.5710, 1.7741 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.0767, -5.8344, 8.7716, and the grayscale version is 96.9630, -5.1737, 5.2682.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 72.6110, -3.4710, 1.0572 is the 20% darker color. If you saturate the color by 10%, you get 88.3757, -2.1402, -9.0517, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

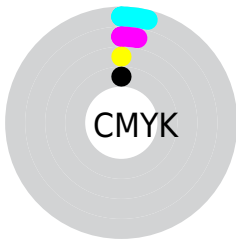
# Distribution



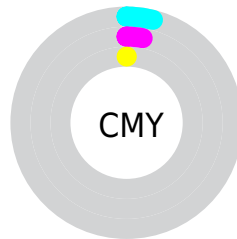
- Red (96%)
- Green (97%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- 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 96.9266, -4.5710, 1.7741 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 96.9266, -4.5710, 1.7741 by changing the saturation by 10% instead.



96.9266, -4.5710,  
1.7741

96.9266, -4.5710,  
1.7741

232.5517,  
-11.6133, 8.0111

84.4172, -3.9324,  
1.2472

123.6185, -5.9482,  
2.9441

72.4959, -3.3241,  
0.7572

137.7530, -6.6791,  
3.5786

61.1955, -2.7505,  
0.3092

152.3887, -7.4376,  
4.2449

50.5522, -2.2139,  
-0.0932

167.5088, -8.2228,  
4.9417

40.6094, -1.7169,  
-0.4458

183.0983, -9.0337,  
5.6676

31.4204, -1.2630,  
-0.7430

199.1436, -9.8695,

23.0531, -0.8566,

6.4218

-0.9773

215.6319,  
-10.7296, 7.2033

■ 15.5978, -0.5038,  
-1.1381

■ 9.1801, -0.2063,  
-1.2144

■ 96.9266, -4.5710,  
1.7741

■ 96.9266, -4.5710,  
1.7741

■ 88.3757, -2.1402,  
-9.0517

100.0000, -5.3358,  
5.4332

■ 80.0699, 0.7717,  
-20.7028

■ 72.0483, 4.2807,  
-33.3839

■ 64.3600, 8.5376,  
-47.3471

■ 57.0705, 13.7293,  
-62.8801

■ 50.2682, 20.0691,  
-80.2608

■ 44.0725, 27.7544,  
-99.6312

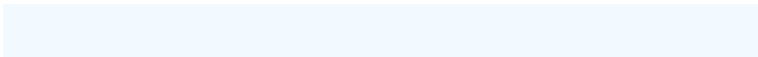
■ 38.6397, 36.8478,  
-120.7146

■ 34.1574, 47.0333,  
-142.3481

# Harmonies

## Analogous

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



96.9286, -6.4578, 1.9564



96.9266, -4.5710, 1.7741



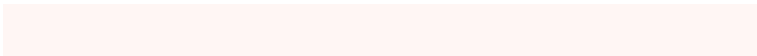
96.9286, -2.8378, 2.5482

# Triad

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



96.9286, -4.5735, 1.7765



96.9286, -2.3339, 7.4648



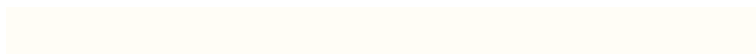
96.9286, -8.5830, 6.4897

# Complementary

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



96.9266, -4.5710, 1.7741



99.0767, -5.8344, 8.7716

# 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.



96.9286, -7.4943, 7.9269



96.9266, -4.5710, 1.7741



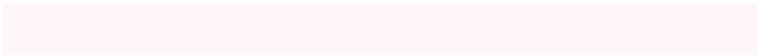
96.9286, -3.8896, 8.4823

# Square

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



96.9286, -4.5735, 1.7765



96.9286, -1.5383, 5.8478



96.9286, -5.7792, 8.6498



96.9286, -8.7630, 4.7009



# Rectangle

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



96.9266, -4.5710, 1.7741



96.9286, -2.0022, 3.4899



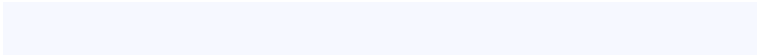
96.9286, -5.7792, 8.6498



96.9286, -8.3116, 7.0290

# Sweetspot

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



96.9286, -4.5735, 1.7765



99.1269, -5.1244, 4.4048



99.0952, -8.6332, 5.3603



45.8806, -2.3757, 2.0615

0.0000, NaN, NaN

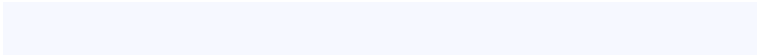


46.2646, -2.4686, 2.5136



# Same Dimension

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



96.9286, -4.5735, 1.7765



96.5204, -4.4681, 1.2821



96.5208, -2.7290, 1.3130



44.3538, -1.9885, 0.2266



23.3900, 37.5241, -110.2392

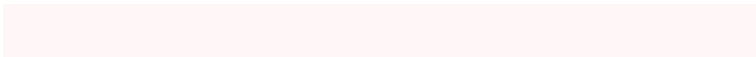


8.2870, 8.7181, -29.1778

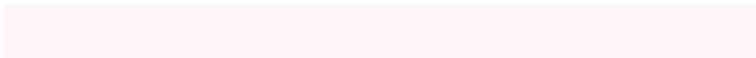


# Inverse Universe

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



96.9280, -1.7820, 5.3700



96.5213, -1.3046, 5.3646



99.4895, -7.6849, 9.2101



44.3558, -0.2504, 2.4786



33.5861, 58.0277, 17.7456

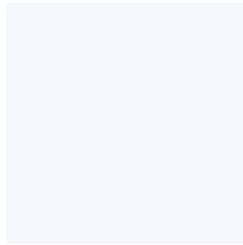


10.5540, 18.3796, 4.4514



# Previews

## White Background



This preview shows how the HunterLab color 96.9266, -4.5710, 1.7741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

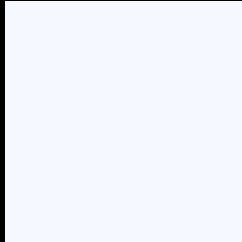
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.9266, -4.5710, 1.7741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

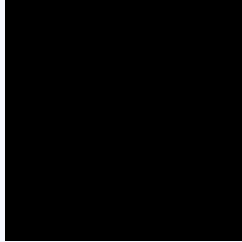
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

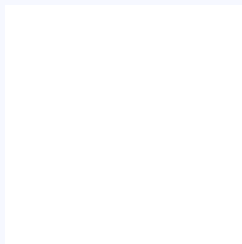
Any Text WCAG AAA ✓ Pass

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

# HunterLab 96.9266, -4.5710, 1.7741 Background



This preview shows how black text looks on a background with the HunterLab color 96.9266, -4.5710, 1.7741.



This preview shows how white text looks on a background with the HunterLab color 96.9266, -4.5710, 1.7741.



# 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**

96.9266, -4.5710, 1.7741

**Protanopia**

97.0497, -2.5858, 2.4725

**Deuteranopia**

97.0240, -1.2554, 3.9919

## **Tritanopia**

96.7977, -3.3905, 1.6383

# Trichromacy



**Original Color**

96.9266, -4.5710, 1.7741

**Protanomaly**

96.8592, -3.2442, 2.2308

**Deuteranomaly**

97.0800, -2.6127, 3.5287

**Tritanomaly**

96.7035, -3.7166, 1.5181

# Monochromacy



**Original Color**

96.9266, -4.5710, 1.7741

**Achromatopsia**

96.8858, -5.1696, 5.2640

**Achromatomaly**

96.8886, -4.9661, 3.7656

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.9266, -4.5710, 1.7741 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(246, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 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(246, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.9266, -4.5710, 1.7741 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(246, 248, 255) }
```



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

```
.border{ border-color:rgb(246, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 248,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.9266, -4.5710, 1.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 255) }
```

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

```
.background{ background-color: rgb(246,  
248, 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