

# Converting Colors

HunterLab(96.0806, -6.7461,  
8.5480)

Have a look what the booklet for  
HunterLab(96.0806, -6.7461, 8.5480)  
contains.

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# Color

**HunterLab(96.0970, -6.8520,  
8.7111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F7EF
RGB	246, 247, 239
RGB Percent	96%, 97%, 94%
CMY	0.0353, 0.0313, 0.0627
CMYK	0.00, 0.00, 0.03, 0.03
HSL	68°, 33%, 95%
HSV	68°, 3%, 97%
XYZ	86.8468, 92.3463, 94.9086
YIQ	245.7890, 1.9720, -2.7000

# Conversions

## Conversions Part 2

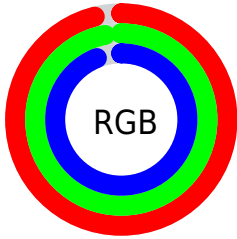
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 247, 240
Decimal	16185327
CIE <sub>Lab</sub>	96.96, -1.72, 3.71
CIE <sub>LCh</sub>	97, 4.093, 114.849
Yxy	92.3503, 0.3168, 0.3369
Android (android.graphics.Color)	4294375407 (0xFFFF6F7EF)
YUV	245.7890, -3.3470, 0.1850
Hunter-Lab	96.0970, -6.8520, 8.7111

# Details

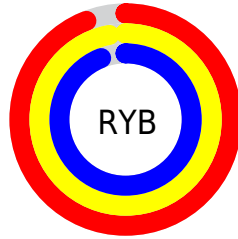
The HunterLab color  $96.0970, -6.8520, 8.7111$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $93.2610, -3.2098, 1.4651$ , and the grayscale version is  $95.9211, -5.1181, 5.2116$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.8524, -5.4706, 7.2122$  is the 20% darker color. If you saturate the color by 10%, you get  $95.0962, -11.8115, 18.6008$ , and if you desaturate by 10%, it is  $96.9038, -3.0333, 1.7734$ .

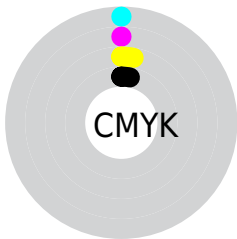
# Distribution



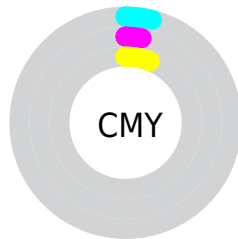
- Red (96%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (94%)



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



- Cyan (4%)
- Magenta (3%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.0970, -6.8520, 8.7111 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 96.0970, -6.8520, 8.7111 by changing the saturation by 10% instead.



96.0970, -6.8520,  
8.7111

96.0970, -6.8520,  
8.7111

231.4405,  
-14.6727, 17.3046

83.6251, -6.1095,  
7.8697

122.7187, -8.4233,  
10.4681

71.7432, -5.3924,  
7.0506

136.8201, -9.2459,  
11.3801

60.4842, -4.7040,  
6.2554

151.4237,  
-10.0929, 12.3142

49.8850, -4.0453,  
5.4842

166.5129,  
-10.9636, 13.2702

39.9894, -3.4176,  
4.7366

182.0724,  
-11.8575, 14.2476

30.8515, -2.8219,  
4.0119

198.0884,

22.5403, -2.2595,

-12.7740, 15.2461

3.3077

214.5483,  
-13.7126, 16.2652

■ 15.1481, -1.7311,  
2.6191

■ 8.7800, -1.3225,  
2.2313

■ 96.0970, -6.8520,  
8.7111

■ 96.0970, -6.8520,  
8.7111

■ 95.0962, -11.8115,  
18.6008

■ 96.9038, -3.0333,  
1.7734

■ 94.1892, -16.2889,  
27.2326

■ 97.1998, -2.0117,  
2.1499

■ 93.3764, -20.2840,  
34.6106

■ 97.4706, -1.0800,  
2.4934

■ 92.6552, -23.7998,  
40.7512

■ 92.0223, -26.8451,  
45.6862

■ 91.4734, -29.4357,  
49.4644

■ 91.0032, -31.5951,  
52.1547

■ 90.6049, -33.3566,  
53.8497

■ 90.2699, -34.7667,  
54.6750

# Harmonies

## Analogous

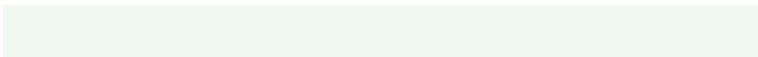
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0991, -4.7633, 9.0451



96.0970, -6.8520, 8.7111



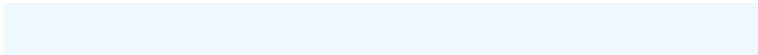
96.0991, -8.4712, 7.4555

# Triad

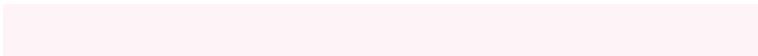
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.0991, -6.8543, 8.7126



96.0991, -7.4883, 1.9779



96.0991, -1.0037, 4.8791

# Complementary

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



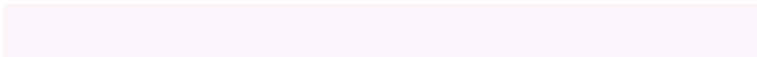
96.0970, -6.8520, 8.7111



93.2610, -3.2098, 1.4651

# Split Complementary

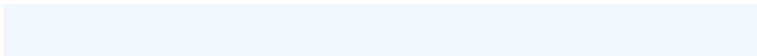
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.0991, -1.7481, 2.9519



96.0970, -6.8520, 8.7111



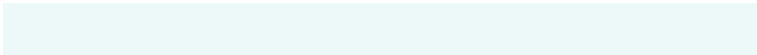
96.0991, -5.5016, 1.2537

# Square

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



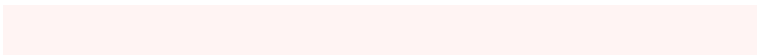
96.0991, -6.8543, 8.7126



96.0991, -8.8350, 3.5729



96.0991, -3.3990, 1.6139



96.0991, -1.3735, 6.8599



# Rectangle

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



96.0970, -6.8520, 8.7111



96.0991, -9.0690, 6.2475



96.0991, -3.3990, 1.6139



96.0991, -1.1321, 4.2031

# Sweetspot

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



96.0991, -6.8543, 8.7126



99.8880, -5.8888, 6.5607



93.9625, -2.8062, 6.3213



46.2153, -2.7118, 3.0096

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



96.0991, -6.8543, 8.7126



99.5582, -7.5183, 9.8653



95.7324, -8.1390, 8.2711



44.0406, -3.5017, 4.7170



65.5329, -25.7438, 39.9304



19.5024, -7.3488, 11.8887



# Inverse Universe

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



93.2610, -3.2098, 1.4651



95.9224, -2.8490, 0.5797



93.6332, -1.9248, 1.9394



42.1376, -1.0574, -0.1440



19.3338, 51.4788, -129.9010

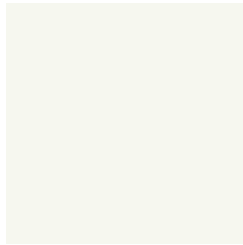


5.9970, 15.4749, -36.4725



# Previews

## White Background



This preview shows how the HunterLab color 96.0970, -6.8520, 8.7111 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

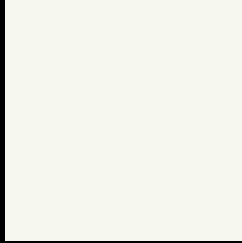
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.0970, -6.8520, 8.7111 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

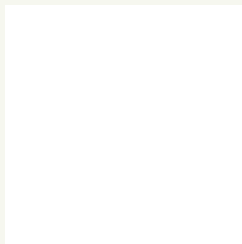
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.0970, -6.8520, 8.7111 Background



This preview shows how black text looks on a background with the HunterLab color 96.0970, -6.8520, 8.7111.



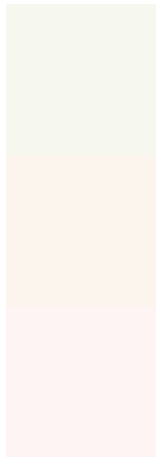
This preview shows how white text looks on a background with the HunterLab color 96.0970, -6.8520,

8.7111.

# 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

96.0970, -6.8520, 8.7111

### Protanopia

96.0069, -3.9715, 9.1358

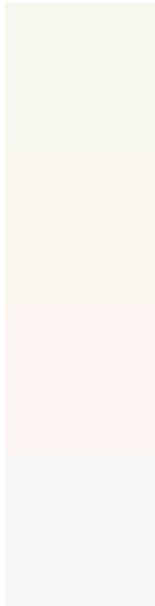
### Deuteranopia

96.1733, -1.4099, 6.4726

## Tritanopia

96.1672, -2.3278, 0.8885

# Trichromacy



## Original Color

96.0970, -6.8520, 8.7111

## Protanomaly

96.1294, -5.1694, 9.2539

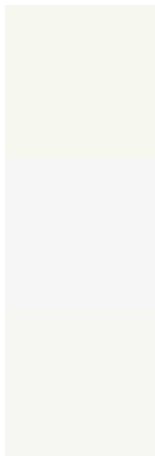
## Deuteranomaly

96.1307, -3.2955, 7.3666

## Tritanomaly

96.1900, -4.2655, 3.9553

# Monochromacy



## Original Color

96.0970, -6.8520, 8.7111

## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

95.9038, -5.6443, 6.5750

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.0970, -6.8520, 8.7111 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, 247, 239)` looks like.

```
.text, #text, p{  
    color:rgb(246, 247, 239)  
}
```

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, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 247, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.0970, -6.8520, 8.7111 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, 247, 239) }
```



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

```
.border{ border-color:rgb(246, 247, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 247, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 247,  
239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.0970, -6.8520, 8.7111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 247, 239) }
```

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

```
.background{ background-color: rgb(246,  
247, 239) }
```

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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