

# Converting Colors

HunterLab(96.7659, -2.8048,  
7.9860)

Have a look what the booklet for  
HunterLab(96.7659, -2.8048, 7.9860)  
contains.

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# Color

**HunterLab(96.7380, -2.8132,  
8.0745)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFF6F2
RGB	255, 246, 242
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0353, 0.0510
CMYK	0.00, 0.04, 0.05, 0.00
HSL	18°, 100%, 97%
HSV	18°, 5%, 100%
XYZ	90.2228, 93.5824, 97.3125
YIQ	248.2350, 6.6480, 0.6640

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 248, 242
Decimal	16774898
CIE <sub>Lab</sub>	97.47, 2.32, 2.98
CIE <sub>LCh</sub>	97, 3.778, 52.044
Yxy	93.5862, 0.3209, 0.3329
Android (android.graphics.Color)	4294964978 (0xFFFFF6F2)
YUV	248.2350, -3.0739, 5.9329
Hunter-Lab	96.7380, -2.8132, 8.0745

# Details

The HunterLab color 96.7380, -2.8132, 8.0745 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.5137, -7.4325, 2.4343, and the grayscale version is 97.0029, -5.1758, 5.2704.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 72.3725, -1.9380, 6.5047 is the 20% darker color. If you saturate the color by 10%, you get 90.5152, 2.4044, 13.0395, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

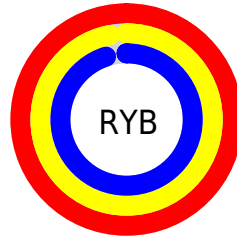
# Distribution



Red (100%)

Green (96%)

Blue (95%)



Red (100%)

Yellow (97%)

Blue (95%)



Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.7380, -2.8132, 8.0745 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 96.7380, -2.8132, 8.0745 by changing the saturation by 10% instead.




 96.7380, -2.8132,  
8.0745

 96.7380, -2.8132,  
8.0745


232.2991, -9.2659,  
16.4331

 84.2371, -2.2533,  
7.2646

123.4139, -4.0439,  
9.7724

 72.3247, -1.7272,  
6.4789


137.5409, -4.7054,  
10.6566

 61.0337, -1.2402,  
5.7191


152.1693, -5.3969,  
11.5641

 50.4004, -0.7954,  
4.9858

167.2824, -6.1172,  
12.4943

 40.4683, -0.3967,  
4.2792

182.8651, -6.8651,  
13.4467

 31.2909, -0.0490,  
3.5992

198.9037, -7.6398,

 22.9363, 0.2411,

14.4210

2.9452

215.3856, -8.4403,  
15.4166

■ 15.4953, 0.4636,  
2.3144

■ 9.0908, 0.6283,  
1.8533

■ 96.7380, -2.8132,  
8.0745

■ 96.7380, -2.8132,  
8.0745

■ 90.5152, 2.4044,  
13.0395

100.0000, -5.3358,  
5.4332

■ 84.5399, 8.0229,  
17.6643

■ 78.8462, 14.0706,  
21.8824

■ 73.4715, 20.5662,  
25.6103

■ 68.4592, 27.5038,  
28.7483

■ 63.8580, 34.8373,  
31.1834

■ 59.7207, 42.4591,  
32.8009

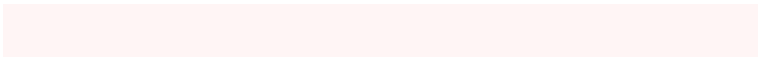
■ 56.1007, 50.1785,  
33.5093

■ 53.0450, 57.7055,  
33.2893

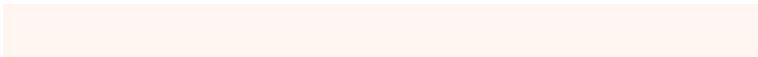
# Harmonies

## Analogous

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



96.7400, -1.6157, 6.6142



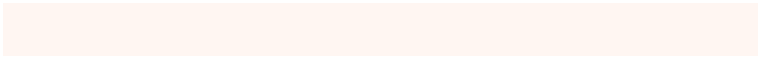
96.7380, -2.8132, 8.0745



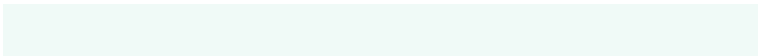
96.7400, -4.6399, 8.7816

# Triad

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



96.7400, -2.8161, 8.0759



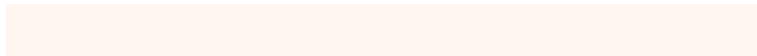
96.7400, -8.9057, 5.7653



96.7400, -3.7351, 1.8513

# Complementary

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



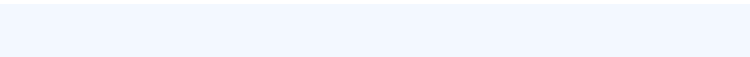
96.7380, -2.8132, 8.0745



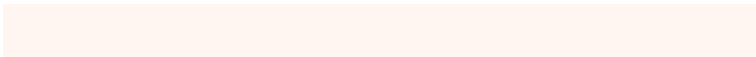
97.5137, -7.4325, 2.4343

# Split Complementary

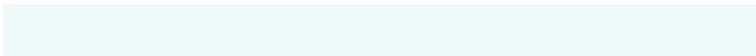
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7400, -5.6929, 1.6130



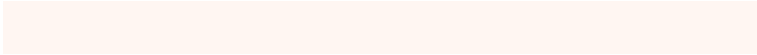
96.7380, -2.8132, 8.0745



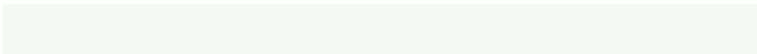
96.7400, -8.6678, 3.8978

# Square

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



96.7400, -2.8161, 8.0759



96.7400, -8.1482, 7.4652



96.7400, -7.4956, 2.3689

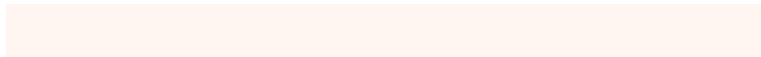


96.7400, -2.1492, 3.0136



# Rectangle

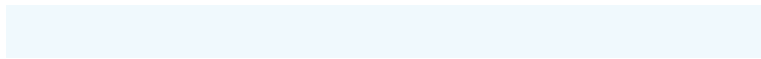
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.7380, -2.8132, 8.0745



96.7400, -5.9595, 8.7384



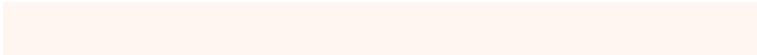
96.7400, -7.4956, 2.3689



96.7400, -4.3719, 1.6595

# Sweetspot

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



96.7400, -2.8161, 8.0759



98.7142, -4.3580, 6.4785



95.7793, 0.9004, 2.4864



45.6991, -2.0388, 2.9734

0.0000, NaN, NaN

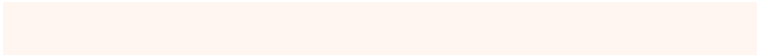


46.2646, -2.4686, 2.5136

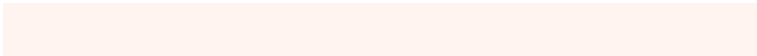


# Same Dimension

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



96.7400, -2.8161, 8.0759



96.1685, -2.3603, 8.5364



98.7641, -6.1942, 10.3192



44.3012, -0.9385, 4.1028



37.7204, 43.3433, 24.0019

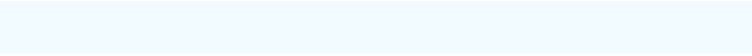


12.5272, 11.4482, 7.9196

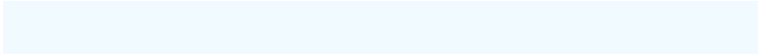


# Inverse Universe

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



97.5137, -7.4325, 2.4343



97.0785, -7.7893, 1.9019



95.4786, -4.0634, 0.0131



44.7677, -3.7218, 0.7016



45.1281, -8.8530, -37.2951

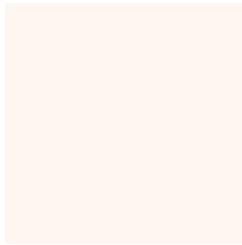


14.7545, -3.7642, -10.3160



# Previews

## White Background



This preview shows how the HunterLab color 96.7380, -2.8132, 8.0745 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

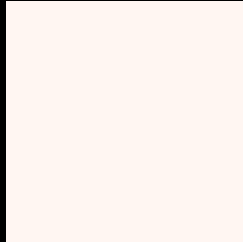
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.7380, -2.8132, 8.0745 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

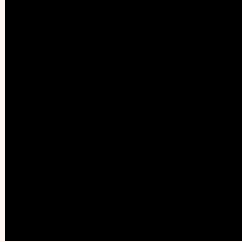
Any Text WCAG AA ✓ Pass

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 96.7380, -2.8132, 8.0745 Background



This preview shows how black text looks on a background with the HunterLab color 96.7380, -2.8132, 8.0745.



This preview shows how white text looks on a background with the HunterLab color 96.7380, -2.8132, 8.0745.

8.0745.

# 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

96.7380, -2.8132, 8.0745

### Protanopia

96.8581, -4.0169, 8.1914

### Deuteranopia

96.8953, -1.9559, 5.8278



## Tritanopia

96.6475, -0.6751, 1.5033

# Trichromacy

A vertical bar with a color gradient from light orange at the top to light pink at the bottom.

**Original Color**

96.7380, -2.8132, 8.0745

**Protanomaly**

96.9552, -3.6805, 8.3086

**Deuteranomaly**

96.8319, -2.3013, 6.7329

**Tritanomaly**

96.5804, -1.2346, 3.9688

# Monochromacy

A vertical bar with a color gradient from light orange at the top to light grey at the bottom.

**Original Color**

96.7380, -2.8132, 8.0745

**Achromatopsia**

96.8858, -5.1696, 5.2640

**Achromatomaly**

96.7908, -3.9994, 6.1638

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.7380, -2.8132, 8.0745 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(255, 246, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 242)  
}
```

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(255, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.7380, -2.8132, 8.0745 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(255, 246, 242) }
```



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

```
.border{ border-color:rgb(255, 246, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 246, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.7380, -2.8132, 8.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 242) }
```

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

```
.background{ background-color: rgb(255,  
246, 242) }
```

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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