

# Converting Colors

HunterLab(96.7080, -2.9813,  
8.5191)

Have a look what the booklet for  
HunterLab(96.7080, -2.9813, 8.5191)  
contains.

<b>HunterLab(96.7070, -2.9822, 8.5175)</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(96.7070, -2.9822,  
8.5175)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF6F1
RGB	255, 246, 241
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0353, 0.0549
CMYK	0.00, 0.04, 0.05, 0.00
HSL	21°, 100%, 97%
HSV	21°, 5%, 100%
XYZ	90.0730, 93.5224, 96.5233
YIQ	248.1210, 6.9690, 0.3530

# Conversions

## Conversions Part 2

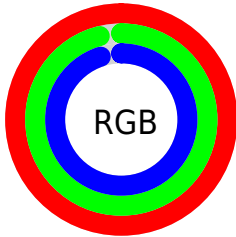
Format	Color
R <sub>Y</sub> B	255, 249, 241
Decimal	16774897
CIE Lab	97.44, 2.16, 3.46
CIE LCh	97, 4.077, 58.067
Yxy	93.5262, 0.3216, 0.3339
Android (android.graphics.Color)	4294964977 (0xFFFFF6F1)
YUV	248.1210, -3.5107, 6.0329
Hunter-Lab	96.7070, -2.9822, 8.5175

# Details

The HunterLab color  $96.7070, -2.9822, 8.5175$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $97.1028, -7.2249, 1.9413$ , and the grayscale version is  $96.9540, -5.1732, 5.2677$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.3433, -2.0977, 6.9237$  is the 20% darker color. If you saturate the color by 10%, you get  $90.8712, 1.5822, 13.8545$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

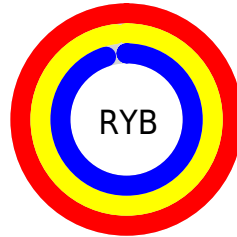
# Distribution



Red (100%)

Green (96%)

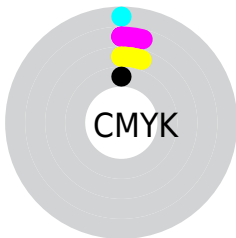
Blue (95%)



Red (100%)

Yellow (98%)

Blue (95%)

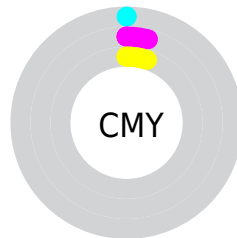


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.7070, -2.9822, 8.5175 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 96.7070, -2.9822, 8.5175 by changing the saturation by 10% instead.




 96.7070, -2.9822,  
8.5175

 96.7070, -2.9822,  
8.5175


232.2576, -9.4912,  
17.0354

 84.2075, -2.4149,  
7.6863


123.3803, -4.2269,  
10.2553

 72.2966, -1.8809,  
6.8780


137.5061, -4.8950,  
11.1583

 61.0071, -1.3857,  
6.0943


152.1333, -5.5929,  
12.0839

 50.3754, -0.9322,  
5.3356


167.2452, -6.3194,  
13.0316

 40.4451, -0.5242,  
4.6015

182.8268, -7.0733,  
14.0010

 31.2696, -0.1664,  
3.8917

198.8643, -7.8538,

 22.9171, 0.1347,

14.9917

3.2043

215.3451, -8.6600,  
16.0033

■ 15.4784, 0.3695,  
2.5355

■ 9.0760, 0.5505,  
2.0741

■ 96.7070, -2.9822,  
8.5175

■ 96.7070, -2.9822,  
8.5175

■ 90.8712, 1.5822,  
13.8545

100.0000, -5.3358,  
5.4332

■ 85.2564, 6.5481,  
18.7704

■ 79.8907, 11.9443,  
23.1953

■ 74.8046, 17.7936,  
27.0451

70.0328, 24.1013,  
30.2238

65.6138, 30.8434,  
32.6278

61.5890, 37.9507,  
34.1581

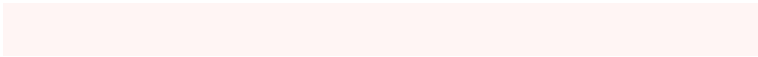
58.0005, 45.2909,  
34.7432

54.8858, 52.6503,  
34.3834

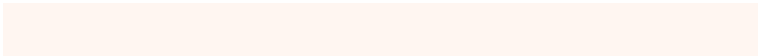
# Harmonies

## Analogous

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



96.7090, -1.5175, 7.0829



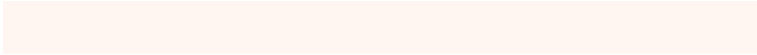
96.7070, -2.9822, 8.5175



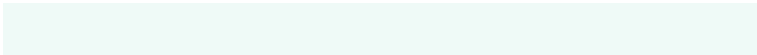
96.7090, -5.0268, 9.0850

# Triad

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



96.7090, -2.9852, 8.5189



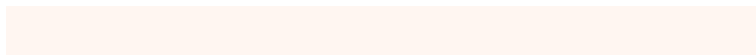
96.7090, -9.2326, 5.3957



96.7090, -3.2269, 1.7557

# Complementary

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



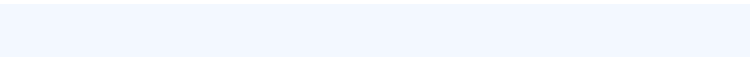
96.7070, -2.9822, 8.5175



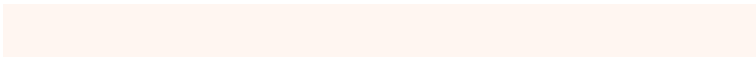
97.1028, -7.2249, 1.9413

# Split Complementary

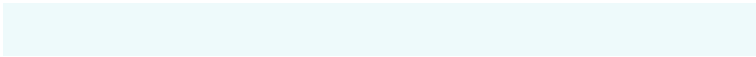
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7090, -5.3037, 1.2808



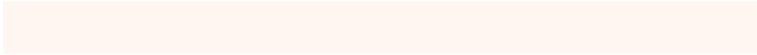
96.7070, -2.9822, 8.5175



96.7090, -8.7599, 3.4093

# Square

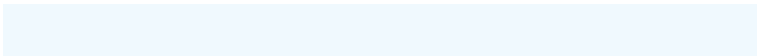
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.7090, -2.9852, 8.5189



96.7090, -8.6234, 7.3063



96.7090, -7.3264, 1.8922

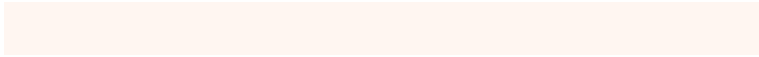


96.7090, -1.6579, 3.1765



# Rectangle

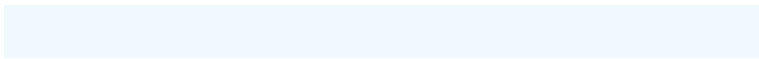
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.7070, -2.9822, 8.5175



96.7090, -6.4347, 8.9024



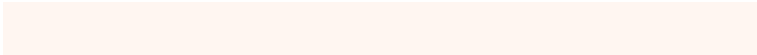
96.7090, -7.3264, 1.8922



96.7090, -3.8894, 1.4788

# Sweetspot

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



96.7090, -2.9852, 8.5189



98.7942, -4.4917, 6.5694



95.4359, 1.2583, 2.5899



45.7343, -2.0975, 3.0134

0.0000, NaN, NaN

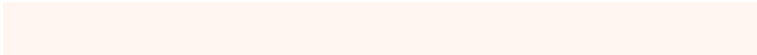


46.2646, -2.4686, 2.5136

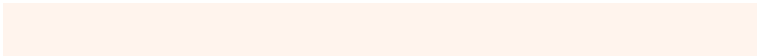


# Same Dimension

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



96.7090, -2.9852, 8.5189



95.8138, -2.3194, 9.3492



98.8932, -6.6238, 10.9279



44.1630, -0.9489, 4.4778



39.1002, 39.4892, 24.7847

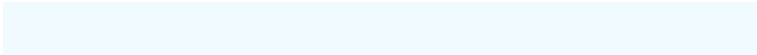


12.9851, 10.2729, 8.1812

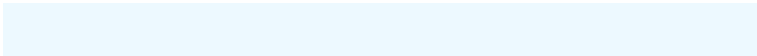


# Inverse Universe

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



97.1028, -7.2249, 1.9413



96.3152, -7.7174, 0.9749



94.9121, -3.5912, -0.6784



44.4148, -3.6599, 0.2721



42.3181, -4.4617, -43.2625

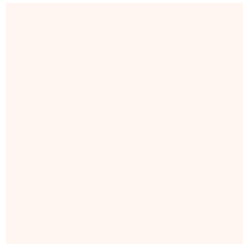


13.9656, -2.5857, -11.8741



# Previews

## White Background



This preview shows how the HunterLab color 96.7070, -2.9822, 8.5175 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

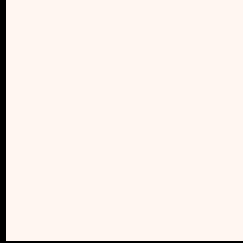
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.7070, -2.9822, 8.5175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

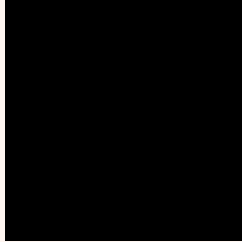
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

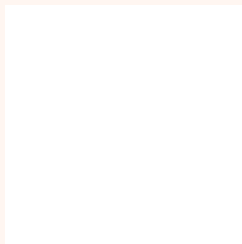
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.7070, -2.9822, 8.5175 Background



This preview shows how black text looks on a background with the HunterLab color 96.7070, -2.9822, 8.5175.



This preview shows how white text looks on a background with the HunterLab color 96.7070, -2.9822,

8.5175.

# 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**

96.7070, -2.9822, 8.5175

**Protanopia**

96.5117, -3.6578, 8.2821

**Deuteranopia**

96.5498, -1.5971, 5.9241



## Tritanopia

96.6475, -0.6751, 1.5033

# Trichromacy

A vertical color gradient bar on the left side of the page, transitioning from a light orange at the top to a light pink at the bottom.

## Original Color

96.7070, -2.9822, 8.5175

## Protanomaly

96.6091, -3.3205, 8.3996

## Deuteranomaly

96.4865, -1.9416, 6.8276

## Tritanomaly

96.5804, -1.2346, 3.9688

# Monochromacy

A vertical color gradient bar on the left side of the page, transitioning from a light orange at the top to a light grey at the bottom.

## Original Color

96.7070, -2.9822, 8.5175

## Achromatopsia

96.8858, -5.1696, 5.2640

## Achromatomaly

96.7591, -4.1724, 6.6156

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.7070, -2.9822, 8.5175 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 241) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.7070, -2.9822, 8.5175 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, 241) }
```



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

```
.border{ border-color:rgb(255, 246, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
241) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.7070, -2.9822, 8.5175 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
246, 241) }
```

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