

# Converting Colors

HunterLab(96.3706, -2.1357,  
7.5397)

Have a look what the booklet for  
HunterLab(96.3706, -2.1357, 7.5397)  
contains.

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# Color

**HunterLab(96.4239, -2.2828,  
7.7226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF5F2
RGB	255, 245, 242
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0392, 0.0510
CMYK	0.00, 0.04, 0.05, 0.00
HSL	14°, 100%, 97%
HSV	14°, 5%, 100%
XYZ	89.9195, 92.9757, 97.2112
YIQ	247.6480, 6.9230, 1.1870

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 246, 242
Decimal	16774642
CIE <sub>Lab</sub>	97.22, 2.83, 2.62
CIE <sub>LCh</sub>	97, 3.860, 42.801
Yxy	92.9794, 0.3210, 0.3319
Android (android.graphics.Color)	4294964722 (0xFFFFF5F2)
YUV	247.6480, -2.7845, 6.4477
Hunter-Lab	96.4239, -2.2828, 7.7226

# Details

The HunterLab color  $96.4239, -2.2828, 7.7226$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $97.8343, -7.9572, 2.8112$ , and the grayscale version is  $96.7411, -5.1619, 5.2561$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.0737, -1.4324, 6.1716$  is the 20% darker color. If you saturate the color by 10%, you get  $89.6164, 3.9776, 12.0843$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

# Distribution



Red (100%)

Green (96%)

Blue (95%)



Red (100%)

Yellow (96%)

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 96.4239, -2.2828, 7.7226 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 96.4239, -2.2828, 7.7226 by changing the saturation by 10% instead.




 96.4239, -2.2828,  
7.7226

 96.4239, -2.2828,  
7.7226


231.8784, -8.5571,  
15.9578

 83.9371, -1.7466,  
6.9292


123.0732, -3.4690,  
9.3896

 72.0396, -1.2453,  
6.1608


137.1877, -4.1096,  
10.2593

 60.7643, -0.7846,  
5.4194


151.8039, -4.7808,  
11.1527

 50.1477, -0.3676,  
4.7056

166.9053, -5.4814,  
12.0694

 40.2334, 0.0013,  
4.0200

182.4766, -6.2103,  
13.0087

 31.0754, 0.3170,  
3.3629

198.5042, -6.9665,

 22.7420, 0.5717,

13.9702

2.7340

214.9753, -7.7490,  
14.9534

■ 15.3249, 0.7548,  
2.1318

■ 8.9399, 0.9028,  
1.7026

■ 96.4239, -2.2828,  
7.7226

■ 96.4239, -2.2828,  
7.7226

■ 89.6164, 3.9776,  
12.0843

100.0000, -5.3358,  
5.4332

■ 83.1055, 10.6425,  
16.2297

■ 76.9364, 17.7358,  
20.1009

■ 71.1605, 25.2618,  
23.6183

■ 65.8380, 33.1835,  
26.6785

■ 61.0376, 41.3957,  
29.1548

■ 56.8331, 49.6945,  
30.9073

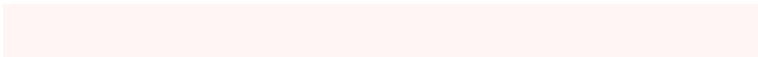
■ 53.2968, 57.7536,  
31.8122

■ 50.4868, 65.1280,  
31.8223

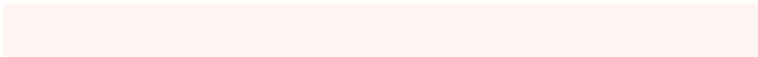
# Harmonies

## Analogous

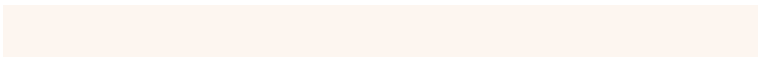
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4258, -1.3360, 6.0633



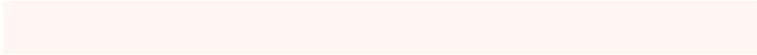
96.4239, -2.2828, 7.7226



96.4258, -3.9998, 8.7097

# Triad

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



96.4258, -2.2858, 7.7240



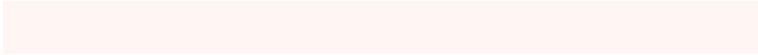
96.4258, -8.8302, 6.3341



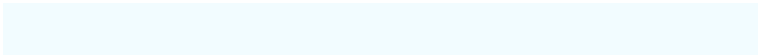
96.4258, -4.2887, 1.5783

# Complementary

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



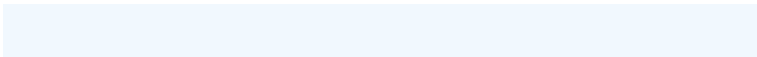
96.4239, -2.2828, 7.7226



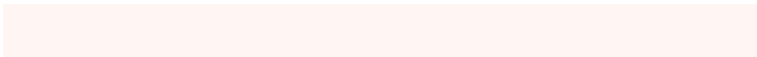
97.8343, -7.9572, 2.8112

# Split Complementary

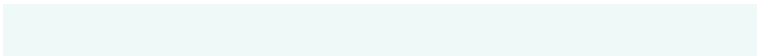
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4258, -6.2952, 1.6545



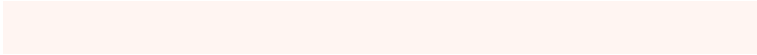
96.4239, -2.2828, 7.7226



96.4258, -8.9061, 4.4270

# Square

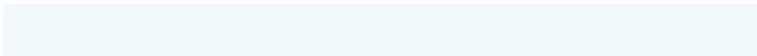
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



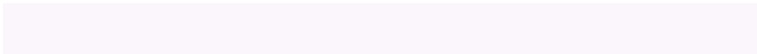
96.4258, -2.2858, 7.7240



96.4258, -7.7734, 7.9187



96.4258, -7.9816, 2.7061

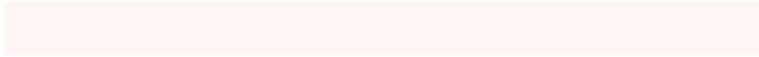


96.4258, -2.4987, 2.5001



# Rectangle

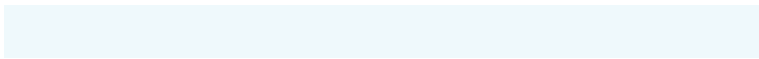
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.4239, -2.2828, 7.7226



96.4258, -5.3398, 8.8643



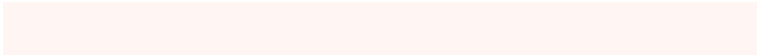
96.4258, -7.9816, 2.7061



96.4258, -4.9604, 1.4875

# Sweetspot

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



96.4258, -2.2858, 7.7240



98.5898, -4.1500, 6.3370



95.8150, 1.0942, 1.9771



45.6444, -1.9473, 2.9111

0.0000, NaN, NaN

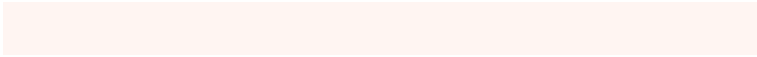


46.2646, -2.4686, 2.5136

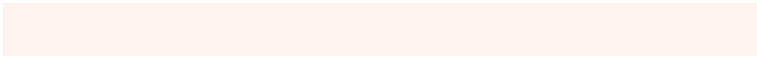


# Same Dimension

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



96.4258, -2.2858, 7.7240



95.7999, -1.7360, 8.1251



98.4193, -5.6236, 9.9401



44.1125, -0.6182, 3.8929



35.9521, 48.5823, 23.0040



11.8989, 13.1586, 7.5624

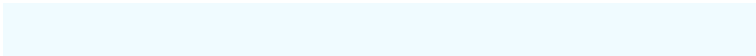


# Inverse Universe

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



97.8343, -7.9572, 2.8112



97.4562, -8.4057, 2.3479



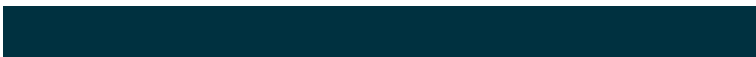
95.8214, -4.6358, 0.4245



44.9616, -4.0376, 0.9312



49.6527, -15.4524, -28.7043

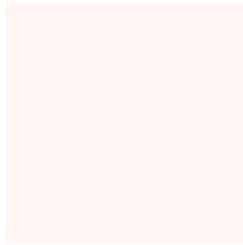


16.0162, -5.5463, -8.0461



# Previews

## White Background



This preview shows how the HunterLab color 96.4239, -2.2828, 7.7226 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

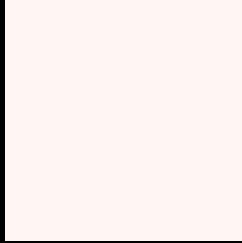
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.4239, -2.2828, 7.7226 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

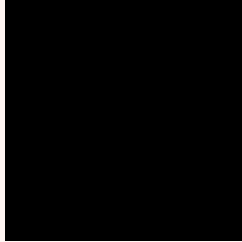
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

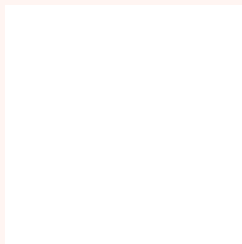
Any Text WCAG AAA ✓ Pass

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

# HunterLab 96.4239, -2.2828, 7.7226 Background



This preview shows how black text looks on a background with the HunterLab color 96.4239, -2.2828, 7.7226.



This preview shows how white text looks on a background with the HunterLab color 96.4239, -2.2828,

7.7226.

# 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**

96.4239, -2.2828, 7.7226

**Protanopia**

96.4457, -3.8242, 7.7208

**Deuteranopia**

96.5498, -1.5971, 5.9241



## Tritanopia

96.3348, -0.1401, 1.1316

# Trichromacy

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

**Original Color**

96.4239, -2.2828, 7.7226

**Protanomaly**

96.5427, -3.4883, 7.8383

**Deuteranomaly**

96.5181, -1.7697, 6.3769

**Tritanomaly**

96.2675, -0.7011, 3.6049

# Monochromacy

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

**Original Color**

96.4239, -2.2828, 7.7226

**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 96.4239, -2.2828, 7.7226 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, 245, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.4239, -2.2828, 7.7226 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, 245, 242) }
```



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

```
.border{ border-color:rgb(255, 245, 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, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 245, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 245, 242); box-shadow:4px 4px 4px 4px rgb(255, 245, 242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.4239, -2.2828, 7.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 242) }
```

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

```
.background{ background-color: rgb(255,  
245, 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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