

# Converting Colors

HunterLab(90.0012, -0.9402,  
4.6794)

Have a look what the booklet for  
HunterLab(90.0012, -0.9402, 4.6794)  
contains.

<b>HunterLab(90.0012, -0.9398, 4.6568)</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(90.0012, -0.9398,  
4.6568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E6E9
RGB	240, 230, 233
RGB Percent	94%, 90%, 91%
CMY	0.0588, 0.0980, 0.0863
CMYK	0.00, 0.04, 0.03, 0.06
HSL	342°, 25%, 92%
HSV	342°, 4%, 94%
XYZ	78.9400, 81.0022, 88.5652
YIQ	233.3320, 4.9970, 3.0530

# Conversions

## Conversions Part 2

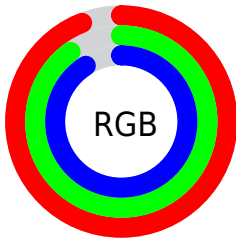
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 230, 233
Decimal	15787753
CIE Lab	92.13, 3.90, -0.26
CIE LCh	92, 3.908, 356.226
Yxy	81.0057, 0.3177, 0.3260
Android (android.graphics.Color)	4293977833 (0xFFFF0E6E9)
YUV	233.3320, -0.1637, 5.8478
Hunter-Lab	90.0012, -0.9398, 4.6568

# Details

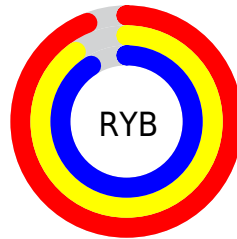
The HunterLab color  $90.0012, -0.9398, 4.6568$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $92.3362, -8.7100, 5.2956$ , and the grayscale version is  $90.4154, -4.8243, 4.9124$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.3510, -0.3455, 3.7107$  is the 20% darker color. If you saturate the color by 10%, you get  $82.2428, 8.9326, 3.9041$ , and if you desaturate by 10%, it is  $98.1341, -10.5682, 5.7369$ .

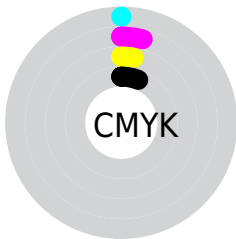
# Distribution



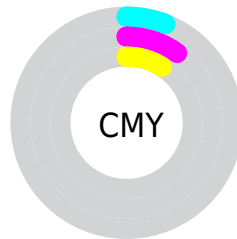
- Red (94%)
- Green (90%)
- Blue (91%)



- Red (94%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.0012, -0.9398, 4.6568 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 90.0012, -0.9398, 4.6568 by changing the saturation by 10% instead.



90.0012, -0.9398,  
4.6568

90.0012, -0.9398,  
4.6568

223.2298, -6.7108,  
11.8252

77.8115, -0.4708,  
4.0060

116.0942, -1.9988,  
6.0572

66.2262, -0.0412,  
3.3874

129.9466, -2.5800,  
6.8012

55.2809, 0.3434,  
2.8043

144.3099, -3.1941,  
7.5734

45.0154, 0.6788,  
2.2590

159.1665, -3.8395,  
8.3727

35.4781, 0.9594,  
1.7544

174.5007, -4.5150,  
9.1984

26.7297, 1.1780,  
1.2940

190.2979, -5.2194,

18.8489, 1.3239,

10.0495

0.8826

206.5450, -5.9517,  
10.9253

■ 11.9444, 1.3807,  
0.5268

■ 4.8608, 3.2365,  
0.0452

■ 90.0012, -0.9398,  
4.6568

■ 90.0012, -0.9398,  
4.6568

■ 82.2428, 8.9326,  
3.9041

■ 98.1341, -10.5682,  
5.7369

■ 74.9168, 19.0467,  
3.5475

■ 98.6233, -10.1585,  
3.7174

■ 68.1047, 29.3392,  
3.6768

■ 61.9048, 39.6565,  
4.3911

■ 56.4335, 49.6956,  
5.7854

■ 51.8191, 58.9521,  
7.9198

■ 48.1843, 66.7239,  
10.7695

■ 45.6117, 72.2549,  
14.1736

■ 44.0964, 75.0578,  
17.8226

# Harmonies

## Analogous

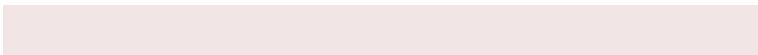
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0031, -1.5918, 2.8440



90.0012, -0.9398, 4.6568



90.0031, -1.3353, 6.4990

# Triad

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



90.0031, -0.9421, 4.6583



90.0031, -6.4984, 8.1158



90.0031, -6.9327, 1.8084

# Complementary

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



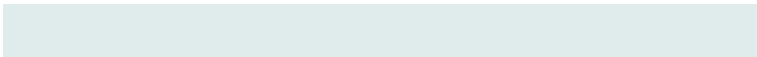
90.0012, -0.9398, 4.6568



92.3362, -8.7100, 5.2956

# Split Complementary

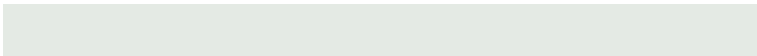
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0031, -8.2272, 3.2693



90.0012, -0.9398, 4.6568



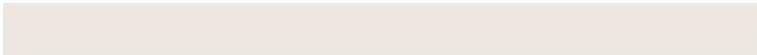
90.0031, -7.9780, 6.9069

# Square

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



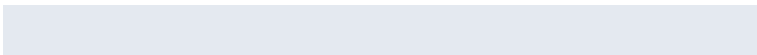
90.0031, -0.9421, 4.6583



90.0031, -4.5542, 8.4696



90.0031, -8.6081, 5.1393



90.0031, -5.0599, 1.1761

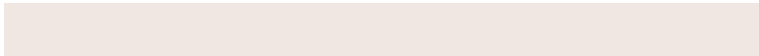


# Rectangle

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



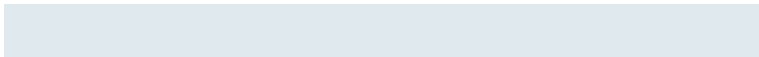
90.0012, -0.9398, 4.6568



90.0031, -2.1343, 7.4979



90.0031, -8.6081, 5.1393



90.0031, -7.4492, 2.2204

# Sweetspot

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



90.0031, -0.9421, 4.6583



99.1309, -4.2977, 5.3213



89.9407, -0.7031, 1.0638



45.8824, -2.0122, 2.4644

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

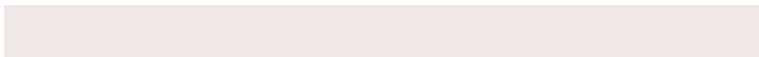
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0031, -0.9421, 4.6583



95.6929, -0.1189, 4.9069



90.5290, -2.5054, 6.7071



41.1706, 0.2519, 2.0962



32.2756, 56.1283, 14.2245



9.3996, 16.5215, 2.7841



# Inverse Universe

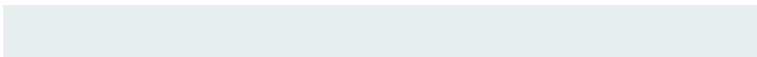
The Inverse Universe completely reimagines the original color for something new.



90.0031, -0.9421, 4.6583



95.6929, -0.1189, 4.9069



91.7964, -7.1459, 3.1931



41.1706, 0.2519, 2.0962



32.2756, 56.1283, 14.2245

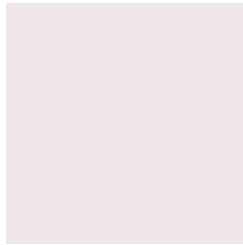


9.3996, 16.5215, 2.7841



# Previews

## White Background



This preview shows how the HunterLab color 90.0012, -0.9398, 4.6568 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

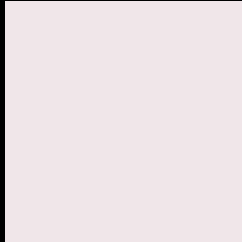
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.0012, -0.9398, 4.6568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

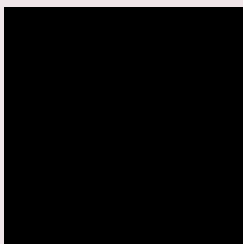
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

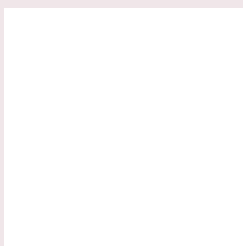
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.0012, -0.9398, 4.6568 Background



This preview shows how black text looks on a background with the HunterLab color 90.0012, -0.9398, 4.6568.



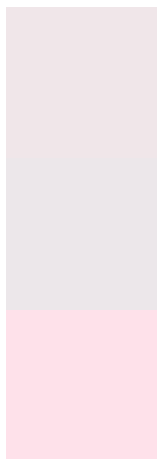
This preview shows how white text looks on a background with the HunterLab color 90.0012, -0.9398,

4.6568.

# 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

90.0012, -0.9398, 4.6568

### Protanopia

89.9584, -2.6176, 4.0819

### Deuteranopia

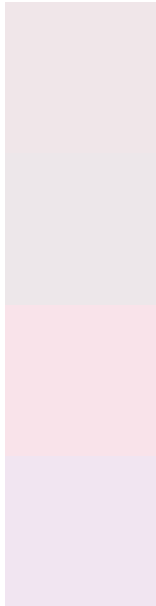
89.9232, 6.6961, 4.2031



## Tritanopia

90.0099, 3.1068, -1.9136

# Trichromacy



## Original Color

90.0012, -0.9398, 4.6568

## Protanomaly

90.0538, -2.2884, 4.2008

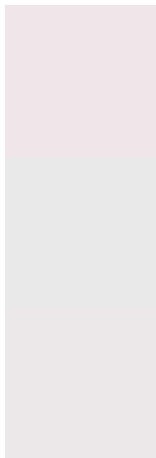
## Deuteranomaly

90.0102, 3.8819, 4.2572

## Tritanomaly

90.0501, 1.3318, 0.7194

# Monochromacy



## Original Color

90.0012, -0.9398, 4.6568

## Achromatopsia

90.2689, -4.8165, 4.9045

## Achromatomaly

90.2382, -3.3152, 4.8946

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.0012, -0.9398, 4.6568 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(240, 230, 233)` looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 233)  
}
```

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(240, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 233) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.0012, -0.9398, 4.6568 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(240, 230, 233) }
```



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

```
.border{ border-color:rgb(240, 230, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
233) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.0012, -0.9398, 4.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 233) }
```

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

```
.background{ background-color: rgb(240,  
230, 233) }
```

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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