

# Converting Colors

HunterLab(69.9396, -5.8308,  
-2.9776)

Have a look what the booklet for  
HunterLab(69.9396, -5.8308,  
-2.9776) contains.

<b>HunterLab(70.0633, -6.0598, -2.6579)</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(70.0633, -6.0598,  
-2.6579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AEBCC7
RGB	174, 188, 199
RGB Percent	68%, 74%, 78%
CMY	0.3176, 0.2627, 0.2196
CMYK	0.13, 0.06, 0.00, 0.22
HSL	206°, 18%, 73%
HSV	206°, 13%, 78%
XYZ	45.7476, 49.0887, 61.0968
YIQ	185.0680, -11.8750, 0.4530

# Conversions

## Conversions Part 2

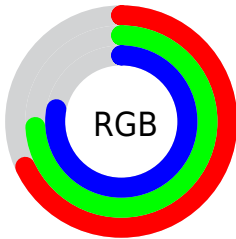
Format	Color
<a href="#">RYB</a>	<a href="#">174, 183, 199</a>
Decimal	<a href="#">11451591</a>
CIELab	<a href="#">75.51, -2.58, -7.19</a>
CIElCh	<a href="#">76, 7.640, 250.250</a>
Yxy	<a href="#">49.0907, 0.2934, 0.3148</a>
Android (android.graphics.Color)	<a href="#">4289641671</a> ( <a href="#">0xFFFAEBCC7</a> )
YUV	<a href="#">185.0680, 6.8685, -9.7066</a>
Hunter-Lab	<a href="#">70.0633, -6.0598, -2.6579</a>

# Details

The HunterLab color  $70.0633, -6.0598, -2.6579$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $70.6370, -0.9477, 9.8971$ , and the grayscale version is  $69.6582, -3.7168, 3.7847$ .

A 20% lighter version of the original color is  $94.2042, -7.5233, -1.6275$ , and  $48.4120, -4.8585, -3.0610$  is the 20% darker color. If you saturate the color by 10%, you get  $65.8363, -7.2371, -8.2195$ , and if you desaturate by 10%, it is  $74.4330, -4.4919, 2.7458$ .

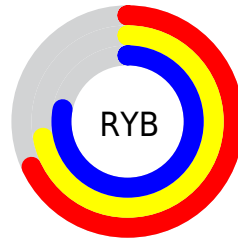
# Distribution



Red (68%)

Green (74%)

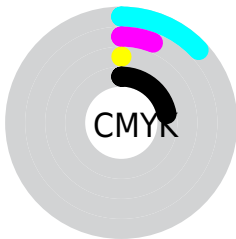
Blue (78%)



Red (68%)

Yellow (72%)

Blue (78%)

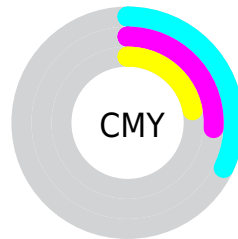


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (26%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0633, -6.0598, -2.6579 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 70.0633, -6.0598, -2.6579 by changing the saturation by 10% instead.



■ 70.0633, -6.0598,  
-2.6579

■ 70.0633, -6.0598,  
-2.6579

195.7292,  
-13.7306, 1.7424

■ 58.8994, -5.3326,  
-2.9344

■ 94.2476, -7.5967,  
-1.9552

■ 48.3997, -4.6312,  
-3.1575

107.2059, -8.4024,  
-1.5383

■ 38.6107, -3.9573,  
-3.3202

120.7091, -9.2326,  
-1.0809

■ 29.5884, -3.3113,  
-3.4151

134.7359,  
-10.0867, -0.5854

■ 21.4046, -2.6927,  
-3.4326

149.2675,  
-10.9641, -0.0537

■ 14.1559, -2.0998,  
-3.3599

164.2869,

■ 7.8086, -1.8577,

-11.8642, 0.5125

-3.5019

179.7788,  
-12.7865, 1.1117

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0633, -6.0598,  
-2.6579

■ 70.0633, -6.0598,  
-2.6579

■ 65.8363, -7.2371,  
-8.2195

■ 74.4330, -4.4919,  
2.7458

■ 61.7612, -7.9650,  
-13.9541

■ 78.9291, -2.5774,  
8.0016

■ 57.8544, -8.1832,  
-19.8681

■ 83.5425, -0.3592,  
13.1246

■ 54.1325, -7.8250,  
-25.9625

■ 88.2640, 2.1270,  
18.1289

■ 50.6133, -6.8215,

■ 91.0876, -1.9611,

-32.2284

20.9223

■ 47.3149, -5.1085,  
-38.6434

■ 93.8162, -6.5156,  
23.5469

■ 44.2538, -2.6374,  
-45.1699

■ 96.5966, -11.0278,  
26.1641

■ 41.4415, 0.6062,  
-51.7587

■ 98.4396, -13.9525,  
27.8694

■ 39.4888, 3.4178,  
-56.7356

# Harmonies

## Analogous

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



70.0648, -8.9367, -0.5661



70.0633, -6.0598, -2.6579



70.0648, -2.5088, -2.9652

# Triad

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



70.0648, -6.0611, -2.6567



70.0648, 3.1854, 4.9730



70.0648, -8.1497, 8.6459

# Complementary

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



70.0633, -6.0598, -2.6579



70.6370, -0.9477, 9.8971

# 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.



70.0648, -4.9672, 9.9766



70.0633, -6.0598, -2.6579



70.0648, 1.6081, 7.9280

# Square

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



70.0648, -6.0611, -2.6567



70.0648, 2.8782, 1.5569



70.0648, -1.3928, 9.7206



70.0648, -10.1256, 5.9981



# Rectangle

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



70.0633, -6.0598, -2.6579



70.0648, -0.2283, -2.1031



70.0648, -1.3928, 9.7206



70.0648, -7.1882, 9.2559

# Sweetspot

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



70.0648, -6.0611, -2.6567



97.6151, -6.2849, 2.5766



73.0357, -13.8747, 7.5750



44.9552, -2.9864, 0.9418

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

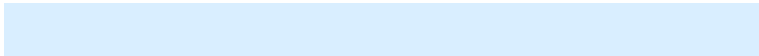


# Same Dimension

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



70.0648, -6.0611, -2.6567



91.2052, -8.4873, -5.4502



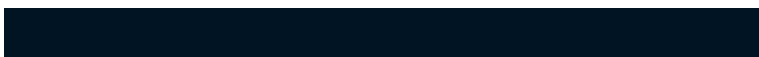
66.3651, 0.1228, -7.3772



33.5505, -2.6310, -0.4328



31.9436, 2.2416, -44.7657



7.9102, -1.1168, -7.4763



# Inverse Universe

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



67.8573, 6.9031, 0.3619



87.7156, 12.2407, -0.5021



74.3526, -7.1134, 13.7584



32.7639, 1.9295, 0.5986



29.2747, 52.7381, -1.2714

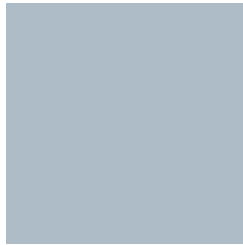


6.4822, 11.8798, -1.8494



# Previews

## White Background



This preview shows how the HunterLab color 70.0633, -6.0598, -2.6579 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 70.0633, -6.0598, -2.6579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

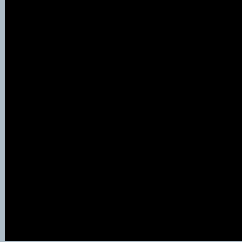
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

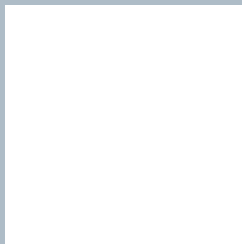
Any Text WCAG AAA ✓ Pass

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

# HunterLab 70.0633, -6.0598, -2.6579 Background



This preview shows how black text looks on a background with the HunterLab color 70.0633, -6.0598, -2.6579.



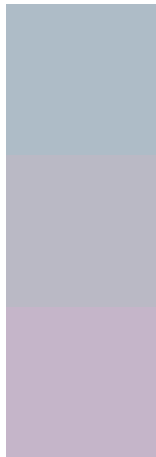
This preview shows how white text looks on a background with the HunterLab color 70.0633, -6.0598, -2.6579.

-2.6579.

# 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

70.0633, -6.0598, -2.6579

### Protanopia

70.1201, -1.3427, -1.4806

### Deuteranopia

70.0964, 4.8912, -3.4607



## Tritanopia

69.9420, -4.7201, -4.3518

# Trichromacy



## Original Color

70.0633, -6.0598, -2.6579

## Protanomaly

70.1000, -2.8856, -2.0426

## Deuteranomaly

70.1925, 0.6313, -2.8928

## Tritanomaly

69.9083, -4.9056, -3.8740

# Monochromacy



## Original Color

70.0633, -6.0598, -2.6579

## Achromatopsia

69.6527, -3.7165, 3.7844

## Achromatomaly

69.7562, -4.5957, 1.4970

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.0633, -6.0598, -2.6579 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(174, 188, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 199)  
}
```

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(174, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 199) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.0633, -6.0598, -2.6579 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(174, 188, 199) }
```



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

```
.border{ border-color:rgb(174, 188, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
199) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.0633, -6.0598, -2.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 199) }
```

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

```
.background{ background-color: rgb(174,  
188, 199) }
```

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