

# Converting Colors

HunterLab(73.7055, -3.6256,  
-3.1702)

Have a look what the booklet for  
HunterLab(73.7055, -3.6256,  
-3.1702) contains.

<b>HunterLab(73.7055, -3.6256, -3.1702)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(73.7055, -3.6256,  
-3.1702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCC3D1
RGB	188, 195, 209
RGB Percent	74%, 76%, 82%
CMY	0.2627, 0.2353, 0.1804
CMYK	0.10, 0.07, 0.00, 0.18
HSL	220°, 19%, 78%
HSV	220°, 10%, 82%
XYZ	51.7627, 54.3250, 68.0791
YIQ	194.5030, -8.6660, 2.8700

# Conversions

## Conversions Part 2

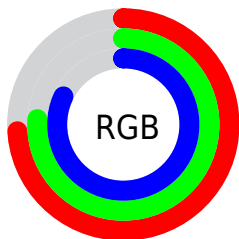
Format	Color
R <sub>Y</sub> B	188, 193, 209
Decimal	12370897
CIE Lab	78.65, 0.34, -7.83
CIE LCh	79, 7.835, 272.462
Yxy	54.3273, 0.2972, 0.3119
Android (android.graphics.Color)	4290560977 (0xFFBCC3D1)
YUV	194.5030, 7.1470, -5.7031
Hunter-Lab	73.7055, -3.6256, -3.1702

# Details

The HunterLab color  $73.7055, -3.6256, -3.1702$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $77.0888, -4.0967, 10.8372$ , and the grayscale version is  $73.6371, -3.9291, 4.0008$ .

A 20% lighter version of the original color is  $98.0173, -7.3235, 3.0420$ , and  $51.5434, -2.1240, -3.9474$  is the 20% darker color. If you saturate the color by 10%, you get  $67.7553, -2.6403, -11.0814$ , and if you desaturate by 10%, it is  $79.8208, -4.2584, 4.3038$ .

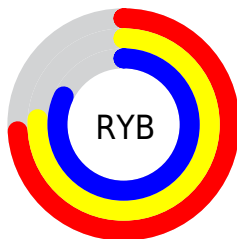
# Distribution



Red (74%)

Green (76%)

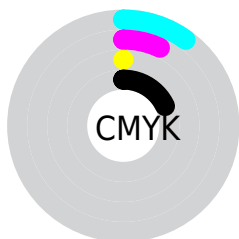
Blue (82%)



Red (74%)

Yellow (76%)

Blue (82%)

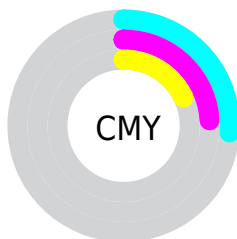


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (24%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.7055, -3.6256, -3.1702 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 73.7055, -3.6256, -3.1702 by changing the saturation by 10% instead.



■ 73.7055, -3.6256,  
-3.1702

■ 73.7055, -3.6256,  
-3.1702

200.8375,  
-10.2946, 1.1312

■ 62.3405, -3.0368,  
-3.4357

■ 98.2622, -4.9075,  
-2.4898

■ 51.6270, -2.4824,  
-3.6482

111.3943, -5.5944,  
-2.0841

■ 41.6091, -1.9663,  
-3.8009

125.0642, -6.3105,  
-1.6379

■ 32.3388, -1.4918,  
-3.8870

139.2517, -7.0548,  
-1.1534

■ 23.8824, -1.0627,  
-3.8974

153.9385, -7.8263,  
-0.6327

■ 16.3271, -0.6844,  
-3.8209

169.1081, -8.6239,

■ 9.7971, -0.3649,

-0.0774

-3.6443

184.7456, -9.4469,  
0.5111

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 73.7055, -3.6256,  
-3.1702

■ 73.7055, -3.6256,  
-3.1702

■ 67.7553, -2.6403,  
-11.0814

■ 79.8208, -4.2584,  
4.3038

■ 61.9862, -1.2264,  
-19.5244

■ 86.0798, -4.5916,  
11.4128

■ 56.4255, 0.7032,  
-28.6033

■ 92.4705, -4.6731,  
18.2207

■ 51.1054, 3.2565,  
-38.4351

■ 97.3074, -10.4010,  
23.0235

■ 46.0671, 6.5599,

■ 98.6831, -12.5989,

-49.1359

24.3451

■ 41.3620, 10.7504,  
-60.7934

■ 37.0537, 15.9504,  
-73.4110

■ 33.2164, 22.2109,  
-86.8166

■ 29.9095, 29.3000,  
-100.6346

# Harmonies

## Analogous

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



73.7070, -7.2383, -2.3274



73.7055, -3.6256, -3.1702



73.7070, -0.0298, -2.0081

# Triad

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



73.7070, -3.6271, -3.1689



73.7070, 2.2412, 7.5967



73.7070, -10.2170, 7.1110

# Complementary

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



73.7055, -3.6256, -3.1702



77.0888, -4.0967, 10.8372

# 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.



73.7070, -7.7641, 9.5637



73.7055, -3.6256, -3.1702



73.7070, -0.5761, 9.8342

# Square

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



73.7070, -3.6271, -3.1689



73.7070, 3.4003, 4.3058



73.7070, -4.2460, 10.5362



73.7070, -10.9976, 3.7171



# Rectangle

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



73.7055, -3.6256, -3.1702



73.7070, 1.8636, -0.2871



73.7070, -4.2460, 10.5362



73.7070, -9.5631, 8.0670

# Sweetspot

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



73.7070, -3.6271, -3.1689



97.6563, -5.1388, 2.6463



77.8080, -11.9159, 5.3225



44.8918, -2.3503, 0.8763

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

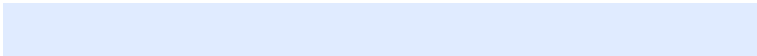


# Same Dimension

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



73.7070, -3.6271, -3.1689



90.7312, -4.3236, -5.9907



71.8796, 0.9008, -5.4494



34.7169, -1.7231, -1.2555



23.8298, 22.0878, -77.4665



6.7991, 2.5028, -13.9011

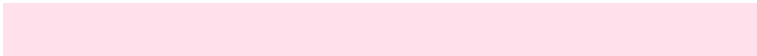


# Inverse Universe

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



73.1184, 4.1856, 3.2610



89.8676, 7.4747, 3.8501



78.9512, -8.6375, 12.7686



34.4563, 1.7068, 1.5560



29.4016, 51.3263, 11.4392

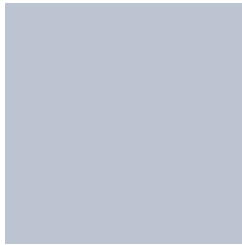


7.0566, 12.5190, 1.1935



# Previews

## White Background



This preview shows how the HunterLab color 73.7055, -3.6256, -3.1702 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

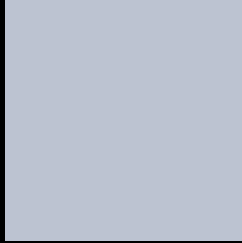
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.7055, -3.6256, -3.1702 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

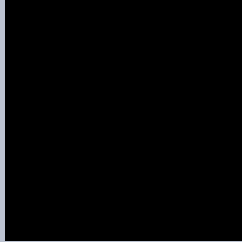
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

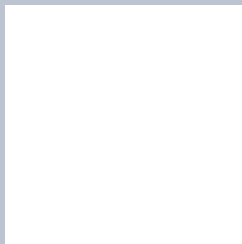
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.7055, -3.6256, -3.1702 Background



This preview shows how black text looks on a background with the HunterLab color 73.7055, -3.6256, -3.1702.



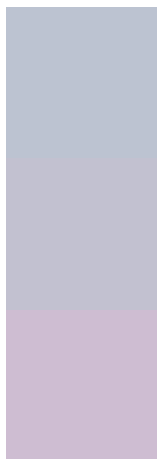
This preview shows how white text looks on a background with the HunterLab color 73.7055, -3.6256, -3.1702.

-3.1702.

# 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

73.7055, -3.6256, -3.1702

### Protanopia

73.5957, -0.9654, -2.7424

### Deuteranopia

73.6004, 5.2775, -3.6730



## Tritanopia

73.7392, -3.4411, -3.6476

# Trichromacy



## Original Color

73.7055, -3.6256, -3.1702

## Protanomaly

73.7185, -2.0905, -2.6064

## Deuteranomaly

73.5234, 1.9906, -3.8295

## Tritanomaly

73.7392, -3.4411, -3.6476

# Monochromacy



## Original Color

73.7055, -3.6256, -3.1702

## Achromatopsia

73.8732, -3.9417, 4.0137

## Achromatomaly

73.7610, -4.0204, 1.4576

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.7055, -3.6256, -3.1702 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(188, 195, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 209)  
}
```

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(188, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.7055, -3.6256, -3.1702 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(188, 195, 209) }
```



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

```
.border{ border-color:rgb(188, 195, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.7055, -3.6256, -3.1702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 209) }
```

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

```
.background{ background-color: rgb(188,  
195, 209) }
```

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