

# Converting Colors

HunterLab(70.2297, -31.5614,  
-5.5063)

Have a look what the booklet for  
HunterLab(70.2297, -31.5614,  
-5.5063) contains.

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# Color

**HunterLab(70.2419,  
-31.5115, -5.4887)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52CCCC
RGB	82, 204, 204
RGB Percent	32%, 80%, 80%
CMY	0.6784, 0.2000, 0.2000
CMYK	0.60, 0.00, 0.00, 0.20
HSL	180°, 54%, 56%
HSV	180°, 60%, 80%
XYZ	35.9717, 49.3392, 64.7543
YIQ	167.5220, -72.7120, -25.8640

# Conversions

## Conversions Part 2

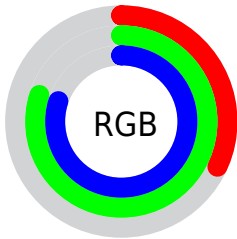
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 143, 204
Decimal	5426380
CIELab	75.66, -33.43, -10.15
CIELCh	76, 34.933, 196.893
Yxy	49.3411, 0.2397, 0.3288
Android (android.graphics.Color)	4283616460 (0xFF52CCCC)
YUV	167.5220, 17.9837, -75.0028
Hunter-Lab	70.2419, -31.5115, -5.4887

# Details

The HunterLab color **70.2419, -31.5115, -5.4887** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **44.1392, 41.8279, 17.2058**, and the grayscale version is **62.3300, -3.3258, 3.3865**.

A 20% lighter version of the original color is **92.0159, -34.3311, -4.8613**, and **48.6795, -25.5938, -5.5954** is the 20% darker color. If you saturate the color by 10%, you get **69.6839, -33.6883, -6.2574**, and if you desaturate by 10%, it is **70.9899, -28.6366, -4.4703**.

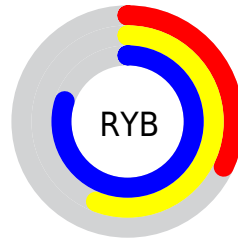
# Distribution



Red (32%)

Green (80%)

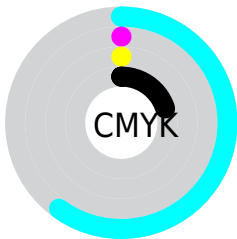
Blue (80%)



Red (32%)

Yellow (56%)

Blue (80%)

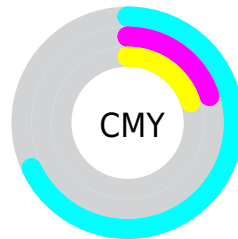


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (20%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2419, -31.5115, -5.4887 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 70.2419, -31.5115, -5.4887 by changing the saturation by 10% instead.



■ 70.2419, -31.5115,  
-5.4887

■ 70.2419, -31.5115,  
-5.4887

195.9805,  
-51.2567, -2.0364

■ 59.0679, -29.0789,  
-5.6413

■ 94.4446, -36.1635,  
-5.0208

■ 48.5575, -26.5481,  
-5.7351

■ 107.4116,  
-38.4097, -4.7152

■ 38.7570, -23.8891,  
-5.7632

■ 120.9230,  
-40.6160, -4.3655

■ 29.7224, -21.0572,  
-5.7181

■ 134.9578,  
-42.7894, -3.9744

■ 21.5248, -17.9815,  
-5.5910

149.4971,  
-44.9359, -3.5441

■ 14.2607, -14.5407,  
-5.3735

164.5240,

■ 7.9179, -13.8564,

-47.0601, -3.0766

-5.3807

180.0231,  
-49.1659, -2.5735

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.2419, -31.5115,  
-5.4887

■ 70.2419, -31.5115,  
-5.4887

■ 69.6839, -33.6883,  
-6.2574

■ 70.9899, -28.6366,  
-4.4703

■ 69.2984, -35.1998,  
-6.7917

■ 71.9331, -25.0515,  
-3.2008

■ 69.0683, -36.1065,  
-7.1120

■ 73.0789, -20.7653,  
-1.6817

■ 68.9562, -36.5494,  
-7.2683


■ 74.4298, -15.8034,  
0.0787


■ 68.9543, -36.5569,


■ 75.9858, -10.2049,


-7.2710

2.0673

 77.7446, -4.0181,  
4.2676

 79.7019, 2.7021,  
6.6611

 81.8518, 9.8981,  
9.2280

 82.9501, 13.5037,  
10.5156

# Harmonies

## Analogous

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



70.2432, -31.9640, 10.3066



70.2419, -31.5115, -5.4887



70.2432, -24.0746, -21.8637

# Triad

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



70.2432, -31.5118, -5.4877



70.2432, 20.8484, -19.9859



70.2432, 3.5614, 27.2581

# Complementary

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



70.2419, -31.5115, -5.4887



44.1392, 41.8279, 17.2058

# 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.



70.2432, 19.1814, 22.4251



70.2419, -31.5115, -5.4887



70.2432, 29.7628, -3.3432

# Square

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



70.2432, -31.5118, -5.4877



70.2432, 5.6718, -31.4640



70.2432, 29.1261, 12.0123



70.2432, -12.7034, 26.9399



# Rectangle

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



70.2419, -31.5115, -5.4887



70.2432, -15.7320, -29.8387



70.2432, 29.1261, 12.0123



70.2432, 9.0894, 26.2395

# Sweetspot

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



70.2432, -31.5118, -5.4877



96.0780, -19.2608, 0.4833



67.5894, -47.5659, 33.8120



44.1946, -9.8399, -0.1062

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.2432, -31.5118, -5.4877



89.4956, -44.0519, -8.2997



51.3968, -4.8186, -34.3161



35.6750, -4.6743, 1.0097



54.7042, -29.0021, -5.7684



12.4251, -6.5873, -1.3102



# Inverse Universe

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



44.1392, 41.8279, 17.2058



51.2617, 65.8355, 25.7663



56.9987, 12.8247, 27.0420



33.4868, 1.1651, 2.8087



28.4253, 48.6793, 18.3676

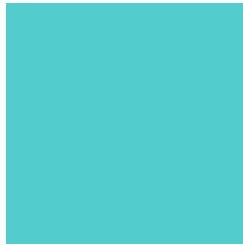


6.4563, 11.0566, 4.1718



# Previews

## White Background



This preview shows how the HunterLab color 70.2419, -31.5115, -5.4887 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

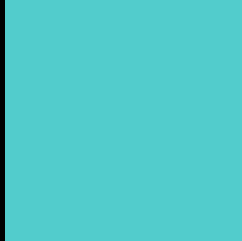
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.2419, -31.5115, -5.4887 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

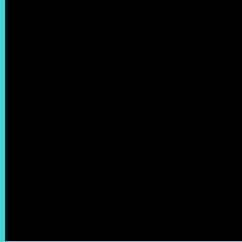
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

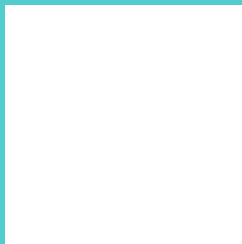
Any Text WCAG AAA ✓ Pass

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

# HunterLab 70.2419, -31.5115, -5.4887 Background



This preview shows how black text looks on a background with the HunterLab color 70.2419, -31.5115, -5.4887.



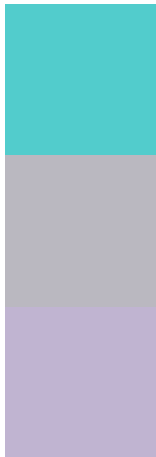
This preview shows how white text looks on a background with the HunterLab color 70.2419, -31.5115, -5.4887.

-31.5115, -5.4887.

# 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

70.2419, -31.5115, -5.4887

### Protanopia

69.6605, -1.7162, 0.4494

### Deuteranopia

69.6078, 5.2973, -8.3956



## Tritanopia

70.2693, -26.9508, -13.1381

# Trichromacy



## Original Color

70.2419, -31.5115, -5.4887



## Protanomaly

68.9515, -15.0239, -2.6823



## Deuteranomaly

68.9751, -10.9565, -8.4323



## Tritanomaly

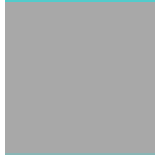
70.3523, -28.7215, -10.2044

# Monochromacy



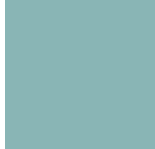
## Original Color

70.2419, -31.5115, -5.4887



## Achromatopsia

62.5758, -3.3389, 3.3999



## Achromatomaly

64.5773, -15.7658, -0.6205

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.2419, -31.5115, -5.4887 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(82, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 204, 204)  
}
```

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(82, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 204, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.2419, -31.5115, -5.4887 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(82, 204, 204) }
```



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

```
.border{ border-color:rgb(82, 204, 204) }
```

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

Here you see how a box with a 4 pixel rgb(82, 204, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 204,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.2419, -31.5115, -5.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 204, 204) }
```

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

```
.background{ background-color: rgb(82, 204,  
204) }
```

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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