

# Converting Colors

HunterLab(72.5389, -31.8647,  
6.6076)

Have a look what the booklet for  
HunterLab(72.5389, -31.8647,  
6.6076) contains.

<b>HunterLab(72.6751, -31.9819, 6.7768)</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(72.6751,  
-31.9819, 6.7768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D1B9
RGB	116, 209, 185
RGB Percent	45%, 82%, 73%
CMY	0.5451, 0.1804, 0.2745
CMYK	0.44, 0.00, 0.11, 0.18
HSL	165°, 50%, 64%
HSV	165°, 44%, 82%
XYZ	38.7599, 52.8167, 54.0507
YIQ	178.4570, -47.7240, -27.1800

# Conversions

## Conversions Part 2

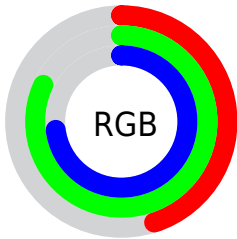
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 169, 209
Decimal	7655865
CIELab	77.77, -33.39, 3.31
CIElCh	78, 33.549, 174.341
Yxy	52.8188, 0.2662, 0.3627
Android (android.graphics.Color)	4285845945 (0xFF74D1B9)
YUV	178.4570, 3.2257, -54.7748
Hunter-Lab	72.6751, -31.9819, 6.7768

# Details

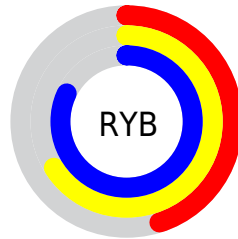
The HunterLab color **72.6751, -31.9819, 6.7768** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **52.8592, 33.3713, 5.3241**, and the grayscale version is **66.9166, -3.5705, 3.6357**.

A 20% lighter version of the original color is **93.0814, -31.2432, 3.8014**, and **50.7020, -27.0338, 5.2417** is the 20% darker color. If you saturate the color by 10%, you get **71.6383, -36.3401, 7.9432**, and if you desaturate by 10%, it is **73.9243, -26.8913, 5.8276**.

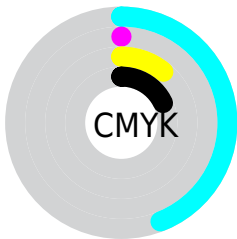
# Distribution



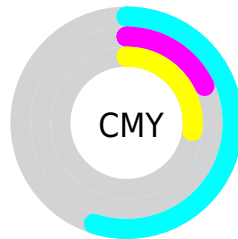
- Red (45%)
- Green (82%)
- Blue (73%)



- Red (45%)
- Yellow (66%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)




- Cyan (55%)
- Magenta (18%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.6751, -31.9819, 6.7768 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 72.6751, -31.9819, 6.7768 by changing the saturation by 10% instead.





 72.6751, -31.9819,  
6.7768


 72.6751, -31.9819,  
6.7768


199.3965,  
-51.6480, 14.8439


 61.3662, -29.5698,  
6.0008


 97.1276, -36.6050,  
8.4063

 50.7124, -27.0642,  
5.2492


 110.2110,  
-38.8401, 9.2571

 40.7583, -24.4380,  
4.5231


 123.8343,  
-41.0371, 10.1317

 31.5571, -21.6503,  
3.8219

137.9768,  
-43.2026, 11.0295

 23.1764, -18.6371,  
3.1444

152.6200,  
-45.3423, 11.9501

 15.7061, -15.2909,  
2.4870

167.7476,

 9.2734, -16.1831,

-47.4607, 12.8930

1.9836

183.3443,  
-49.5616, 13.8577

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.6751, -31.9819,  
6.7768

■ 72.6751, -31.9819,  
6.7768

■ 71.6383, -36.3401,  
7.9432

■ 73.9243, -26.8913,  
5.8276

■ 70.8032, -39.9494,  
9.3050

■ 75.3843, -21.0987,  
5.1059

■ 70.1610, -42.8192,  
10.8382

■ 77.0564, -14.6517,  
4.6203

■ 69.6964, -44.9854,  
12.5122


■ 78.9380, -7.6071,  
4.3727


■ 69.3881, -46.5174,


■ 81.0243, -0.0272,


14.2901


4.3607

 69.2614, -47.1826,  
15.2830

 83.3089, 8.0234,  
4.5779

 84.9574, 13.7956,  
3.9897

 85.1309, 14.7082,  
1.5175

 85.3096, 15.6458,  
-1.0225

# Harmonies

## Analogous

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



72.6766, -27.1849, 19.0068



72.6751, -31.9819, 6.7768



72.6766, -29.7950, -9.1420

# Triad

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



72.6766, -31.9827, 6.7777



72.6766, 9.2118, -28.0053



72.6766, 14.8983, 23.9116

# Complementary

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



72.6751, -31.9819, 6.7768



52.8592, 33.3713, 5.3241

# 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.



72.6766, 26.2631, 14.9945



72.6751, -31.9819, 6.7768



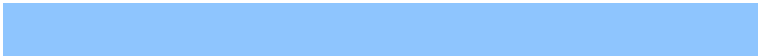
72.6766, 22.7865, -15.2147

# Square

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



72.6766, -31.9827, 6.7777



72.6766, -6.8848, -31.5262



72.6766, 29.2672, 1.0164



72.6766, -0.8291, 27.4332



# Rectangle

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



72.6751, -31.9819, 6.7768



72.6766, -24.5639, -19.5630



72.6766, 29.2672, 1.0164



72.6766, 19.4078, 21.5530

# Sweetspot

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



72.6766, -31.9827, 6.7777



96.8024, -17.2015, 5.7269



72.4633, -35.9020, 30.5030



44.5547, -8.8338, 2.6962

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.6766, -31.9827, 6.7777



89.8198, -45.0624, 9.8074



66.3223, -17.7019, -13.3702



36.5415, -5.2188, 2.0919



54.3998, -36.9537, 11.7774



12.9120, -8.4420, 2.0850



# Inverse Universe

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



52.8592, 33.3713, 5.3241



60.8395, 51.4720, 8.2851



57.3662, 19.3869, 18.6101



34.4349, 1.5917, 1.8611



29.2155, 50.6404, 14.1652

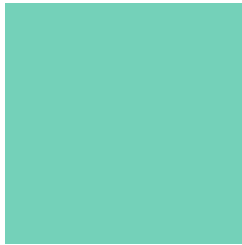


7.0029, 12.3223, 1.9695



# Previews

## White Background



This preview shows how the HunterLab color 72.6751, -31.9819, 6.7768 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

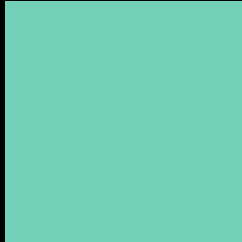
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.6751, -31.9819, 6.7768 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

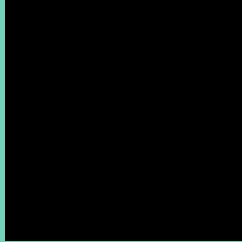
Any Text WCAG AA ✓ Pass

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 72.6751, -31.9819, 6.7768 Background



This preview shows how black text looks on a background with the HunterLab color 72.6751, -31.9819, 6.7768.



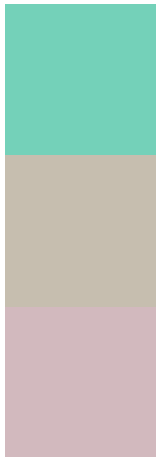
This preview shows how white text looks on a background with the HunterLab color 72.6751, -31.9819, 6.7768.

-31.9819, 6.7768.

# 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

72.6751, -31.9819, 6.7768

### Protanopia

72.0610, -3.6403, 10.9702

### Deuteranopia

72.1923, 5.2572, 4.5678



## Tritanopia

72.6558, -21.2224, -10.8555

# Trichromacy



## Original Color

72.6751, -31.9819, 6.7768



## Protanomaly

71.7719, -15.5455, 8.7224



## Deuteranomaly

71.7248, -10.3589, 4.6866



## Tritanomaly

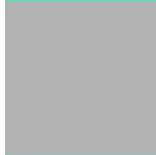
72.6534, -25.5277, -3.8518

# Monochromacy



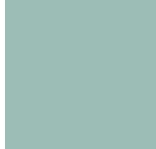
## Original Color

72.6751, -31.9819, 6.7768



## Achromatopsia

66.7234, -3.5602, 3.6252



## Achromatomaly

68.3374, -14.9634, 3.9188

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.6751, -31.9819, 6.7768 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(116, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(116, 209, 185)  
}
```

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(116, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 209, 185) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.6751, -31.9819, 6.7768 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(116, 209, 185) }
```



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

```
.border{ border-color:rgb(116, 209, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 209, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 209, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 209, 185); box-shadow:4px 4px 4px 4px rgb(116, 209, 185) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.6751, -31.9819, 6.7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 209, 185) }
```

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

```
.background{ background-color: rgb(116,  
209, 185) }
```

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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