

# Converting Colors

HunterLab(68.3312, -36.5655,  
7.6898)

Have a look what the booklet for  
HunterLab(68.3312, -36.5655,  
7.6898) contains.

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# Color

**HunterLab(68.1918,  
-36.2881, 7.4494)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51C9AC
RGB	81, 201, 172
RGB Percent	32%, 79%, 67%
CMY	0.6823, 0.2118, 0.3255
CMYK	0.60, 0.00, 0.14, 0.21
HSL	165°, 53%, 55%
HSV	165°, 60%, 79%
XYZ	31.7264, 46.5012, 46.3332
YIQ	161.8140, -62.2110, -34.4590

# Conversions

## Conversions Part 2

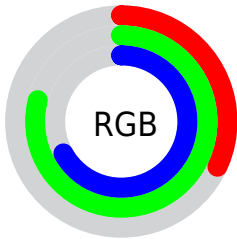
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 149, 201
Decimal	5360044
CIELab	73.87, -40.53, 4.52
CIELCh	74, 40.779, 173.641
Yxy	46.5030, 0.2547, 0.3733
Android (android.graphics.Color)	4283550124 (0xFF51C9AC)
YUV	161.8140, 5.0217, -70.8739
Hunter-Lab	68.1918, -36.2881, 7.4494

# Details

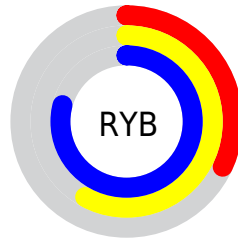
The HunterLab color **68.1918, -36.2881, 7.4494** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **44.0788, 43.7250, 8.0817**, and the grayscale version is **60.0324, -3.2032, 3.2617**.

A 20% lighter version of the original color is **90.9554, -40.2254, 7.9695**, and **46.8122, -29.7998, 5.8181** is the 20% darker color. If you saturate the color by 10%, you get **67.4976, -39.3286, 8.7283**, and if you desaturate by 10%, it is **69.0770, -32.5411, 6.3565**.

# Distribution



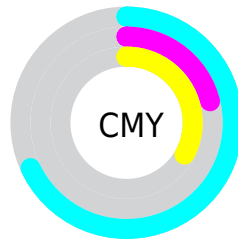
- Red (32%)
- Green (79%)
- Blue (67%)



- Red (32%)
- Yellow (58%)
- Blue (79%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)




- Cyan (68%)
- Magenta (21%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1918, -36.2881, 7.4494 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 68.1918, -36.2881, 7.4494 by changing the saturation by 10% instead.





 68.1918, -36.2881,  
7.4494


 68.1918, -36.2881,  
7.4494


193.0874,  
-59.0472, 15.8771


 57.1340, -33.4129,  
6.6211


 92.1799, -41.7363,  
9.1731


 46.7473, -30.3999,  
5.8130


 105.0468,  
-44.3453, 10.0672

 37.0796, -27.2083,  
5.0247


 118.4623,  
-46.8956, 10.9829

 28.1892, -23.7767,  
4.2539

 132.4047,  
-49.3968, 11.9200

 20.1509, -20.0077,  
3.4960

146.8549,  
-51.8567, 12.8783

 13.0672, -16.4451,  
2.7416

161.7956,

 6.5461, -11.4557,

-54.2817, 13.8574

3.2161

177.2111,  
-56.6771, 14.8571

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1918, -36.2881,  
7.4494

■ 68.1918, -36.2881,  
7.4494

■ 67.4976, -39.3286,  
8.7283

■ 69.0770, -32.5411,  
6.3565

■ 66.9784, -41.6821,  
10.1654

■ 70.1573, -28.0879,  
5.4673

■ 66.6184, -43.3989,  
11.7301

■ 71.4382, -22.9509,  
4.7966

■ 66.3811, -44.6140,  
13.3711


■ 72.9211, -17.1673,  
4.3531

■ 66.3746, -44.6481,


■ 74.6048, -10.7859,


13.4199

4.1401

 76.4857, -3.8630,  
4.1562

 78.5588, 3.5415,  
4.3960

 80.8173, 11.3668,  
4.8512

 82.4490, 16.9751,  
4.5193

# Harmonies

## Analogous

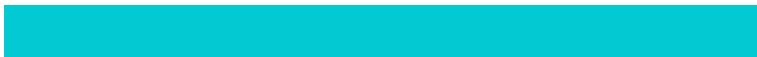
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.1931, -30.6430, 21.2697



68.1918, -36.2881, 7.4494



68.1931, -33.9895, -11.7490

# Triad

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



68.1931, -36.2887, 7.4502



68.1931, 11.6371, -36.4215



68.1931, 19.3986, 26.1896

# Complementary

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



68.1918, -36.2881, 7.4494



44.0788, 43.7250, 8.0817

# 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.



68.1931, 33.1606, 16.2309



68.1918, -36.2881, 7.4494



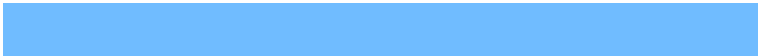
68.1931, 28.3475, -20.2755

# Square

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



68.1931, -36.2887, 7.4502



68.1931, -7.6418, -40.6545



68.1931, 36.6024, -0.2507



68.1931, 0.4516, 30.0082



# Rectangle

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



68.1918, -36.2881, 7.4494



68.1931, -28.1205, -24.8963



68.1931, 36.6024, -0.2507



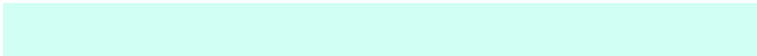
68.1931, 24.8646, 23.6065

# Sweetspot

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



68.1931, -36.2887, 7.4502



95.7162, -21.3002, 5.6367



67.6379, -42.0214, 34.1180



43.9999, -10.9422, 2.6666

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



68.1931, -36.2887, 7.4502



88.0677, -52.5751, 12.0214



59.2401, -17.7942, -19.1150



34.6728, -4.9084, 1.9212



52.6446, -35.3159, 10.4358



11.5028, -7.3973, 1.5913



# Inverse Universe

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



44.0788, 43.7250, 8.0817



52.0319, 69.0083, 14.5209



49.3780, 26.5872, 21.5437



32.6776, 1.4657, 1.8284



28.2083, 48.8374, 14.1211

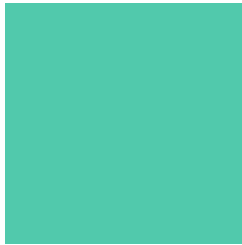


6.2338, 10.9789, 1.6769



# Previews

## White Background



This preview shows how the HunterLab color 68.1918, -36.2881, 7.4494 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

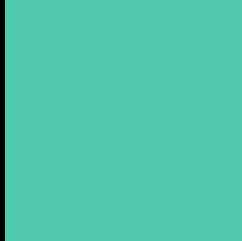
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.1918, -36.2881, 7.4494 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

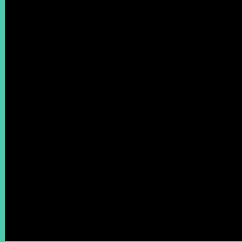
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

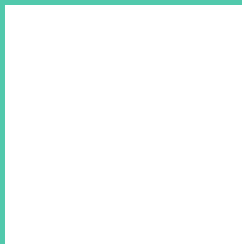
Any Text WCAG AAA ✓ Pass

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

# HunterLab 68.1918, -36.2881, 7.4494 Background



This preview shows how black text looks on a background with the HunterLab color 68.1918, -36.2881, 7.4494.



This preview shows how white text looks on a background with the HunterLab color 68.1918, -36.2881, 7.4494.

-36.2881, 7.4494.

# 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

68.1918, -36.2881, 7.4494

### Protanopia

67.7548, -3.9877, 12.1746

### Deuteranopia

67.4479, 4.9236, 4.6222



## Tritanopia

67.9854, -24.1999, -12.2771

# Trichromacy



## Original Color

68.1918, -36.2881, 7.4494



## Protanomaly

67.1361, -18.6637, 9.6052



## Deuteranomaly

66.6214, -13.4484, 4.2621



## Tritanomaly

67.9617, -28.6905, -4.7079

# Monochromacy



## Original Color

68.1918, -36.2881, 7.4494



## Achromatopsia

60.1088, -3.2073, 3.2658



## Achromatomaly

62.2819, -17.0488, 3.7360

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.1918, -36.2881, 7.4494 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(81, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(81, 201, 172)  
}
```

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(81, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 201, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.1918, -36.2881, 7.4494 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(81, 201, 172) }
```



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

```
.border{ border-color:rgb(81, 201, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 201, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(81, 201,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.1918, -36.2881, 7.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 201, 172) }
```

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

```
.background{ background-color: rgb(81, 201,  
172) }
```

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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