

Converting Colors

HunterLab(67.0779, -38.1679,
5.7509)

Have a look what the booklet for
HunterLab(67.0779, -38.1679,
5.7509) contains.

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Color

**HunterLab(67.2276,
-38.3004, 5.8876)**

Conversions

Conversions Part 1

Format	Color
Hex	39C8AD
RGB	57, 200, 173
RGB Percent	22%, 78%, 68%
CMY	0.7764, 0.2157, 0.3216
CMYK	0.71, 0.00, 0.14, 0.22
HSL	169°, 57%, 50%
HSV	169°, 71%, 78%
XYZ	29.8844, 45.1955, 46.6837
YIQ	154.1650, -76.5610, -38.7130

Conversions

Conversions Part 2

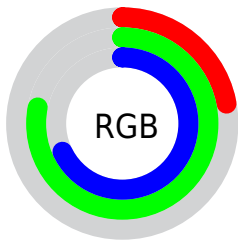
Format	Color
RYB	57, 136, 200
Decimal	3786925
CIELab	73.02, -43.71, 2.67
CIELCh	73, 43.796, 176.500
Yxy	45.1973, 0.2454, 0.3712
Android (android.graphics.Color)	4281977005 (0xFF39C8AD)
YUV	154.1650, 9.2857, -85.2137
Hunter-Lab	67.2276, -38.3004, 5.8876

Details

The HunterLab color **67.2276, -38.3004, 5.8876** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **39.8082, 50.8847, 12.9257**, and the grayscale version is **56.9001, -3.0360, 3.0915**.

A 20% lighter version of the original color is **90.2256, -42.9991, 6.6112**, and **46.5094, -29.2855, 5.0862** is the 20% darker color. If you saturate the color by 10%, you get **66.7656, -40.3748, 7.0021**, and if you desaturate by 10%, it is **67.8628, -35.5636, 4.9549**.

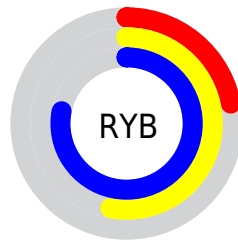
Distribution



Red (22%)

Green (78%)

Blue (68%)



Red (22%)

Yellow (53%)

Blue (78%)

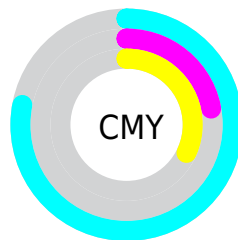


Cyan (71%)

Magenta (0%)

Yellow (14%)

Black (22%)



Cyan (78%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2276, -38.3004, 5.8876 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 67.2276, -38.3004, 5.8876 by changing the saturation by 10% instead.

■ 67.2276, -38.3004,
5.8876

■ 67.2276, -38.3004,
5.8876

191.7216,
-62.4483, 13.6247

■ 56.2253, -35.2188,
5.1558

■ 91.1133, -44.1176,
7.4341

■ 45.8976, -31.9801,
4.4510

■ 103.9326,
-46.8943, 8.2460

■ 36.2935, -28.5382,
3.7743

■ 117.3023,
-49.6032, 9.0830

■ 27.4722, -24.8232,
3.1259

■ 131.2008,
-52.2552, 9.9446

■ 19.5106, -20.7246,
2.5048

■ 145.6085,
-54.8591, 10.8301

■ 12.5140, -17.5770,
1.9083

160.5082,

■ 5.7837, -10.1214,

-57.4221, 11.7390

2.2311

175.8840,
-59.9502, 12.6707

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2276, -38.3004,
5.8876

■ 67.2276, -38.3004,
5.8876

■ 66.7656, -40.3748,
7.0021

■ 67.8628, -35.5636,
4.9549

■ 66.4547, -41.8420,
8.2658

■ 68.6802, -32.1352,
4.2253


■ 66.2775, -42.7362,
9.4141


■ 69.6901, -28.0111,
3.7171


■ 70.8975, -23.2068,
3.4418


■ 72.3046, -17.7541,

3.4051

 73.9109, -11.6972,
3.6072

 75.7135, -5.0885,
4.0441

 77.7079, 2.0144,
4.7076

 79.8879, 9.5526,
5.5870

Harmonies

Analogous

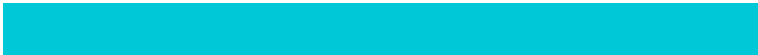
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2289, -33.1570, 21.1053



67.2276, -38.3004, 5.8876



67.2289, -35.0941, -15.1178

Triad

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



67.2289, -38.3008, 5.8884



67.2289, 14.7380, -38.8026



67.2289, 19.3519, 27.8532

Complementary

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



67.2276, -38.3004, 5.8876



39.8082, 50.8847, 12.9257

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.



67.2289, 35.0529, 18.2156



67.2276, -38.3004, 5.8876



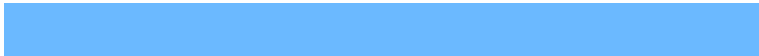
67.2289, 32.1748, -20.2454

Square

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



67.2289, -38.3008, 5.8884



67.2289, -5.9586, -44.9877



67.2289, 40.0013, 1.3515



67.2289, -1.1897, 31.1835

Rectangle

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



67.2276, -38.3004, 5.8876



67.2289, -28.4179, -29.2525



67.2289, 40.0013, 1.3515



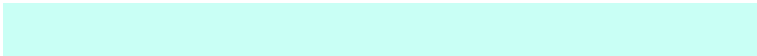
67.2289, 25.4607, 25.4155

Sweetspot

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



67.2289, -38.3008, 5.8884



95.1765, -23.2118, 4.4826



66.0040, -47.3694, 36.3641



43.7802, -11.7089, 2.0646

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.2289, -38.3008, 5.8884



87.5921, -54.3231, 10.1459



54.0273, -14.6335, -26.9332



34.6870, -4.8294, 1.7187



52.8601, -34.0053, 7.3371



11.5420, -7.1597, 1.0293

Inverse Universe

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



39.8082, 50.8847, 12.9257



48.0011, 76.6641, 22.2226



46.5527, 30.1400, 24.2821



32.6636, 1.3903, 2.0282



28.1169, 48.4995, 15.4677



6.2005, 10.8568, 2.1598

Previews

White Background



This preview shows how the HunterLab color 67.2276, -38.3004, 5.8876 looks on a white background.

Color Contrast Check

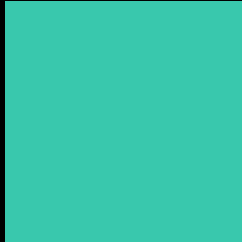
Large Text (above 18pt) WCAG AA × Fail

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 67.2276, -38.3004, 5.8876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

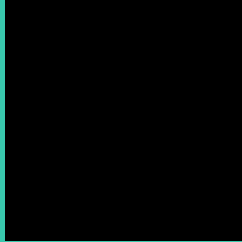
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

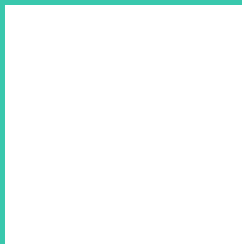
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.2276, -38.3004, 5.8876 Background



This preview shows how black text looks on a background with the HunterLab color 67.2276, -38.3004, 5.8876.



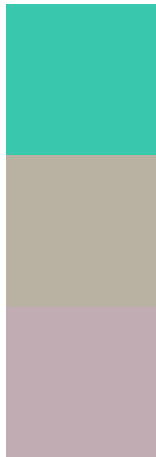
This preview shows how white text looks on a background with the HunterLab color 67.2276, -38.3004, 5.8876.

-38.3004, 5.8876.

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

67.2276, -38.3004, 5.8876

Protanopia

66.5821, -3.4846, 10.9412

Deuteranopia

66.5049, 4.7655, 3.0424



Tritanopia

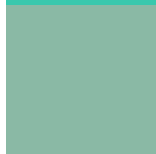
67.2457, -27.0879, -12.7969

Trichromacy



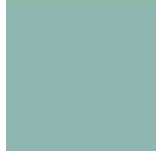
Original Color

67.2276, -38.3004, 5.8876



Protanomaly

65.4353, -20.0677, 7.7154



Deuteranomaly

65.2377, -15.2120, 2.1300



Tritanomaly

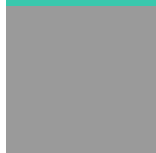
67.2525, -31.4349, -5.6789

Monochromacy



Original Color

67.2276, -38.3004, 5.8876



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

59.6833, -18.8983, 2.9497

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2276, -38.3004, 5.8876 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(57, 200, 173)` looks like.

```
.text, #text, p{  
    color:rgb(57, 200, 173)  
}
```

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(57, 200, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 200, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2276, -38.3004, 5.8876 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(57, 200, 173) }
```


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

```
.border{ border-color:rgb(57, 200, 173) }
```

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

Here you see how a box with a 4 pixel rgb(57, 200, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 200, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 200, 173);  
box-shadow:4px 4px 4px 4px rgb(57, 200,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2276, -38.3004, 5.8876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 200, 173) }
```

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

```
.background{ background-color: rgb(57, 200,  
173) }
```

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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