

Converting Colors

HunterLab(68.7598, -36.0644,
7.7388)

Have a look what the booklet for
HunterLab(68.7598, -36.0644,
7.7388) contains.

HunterLab(68.6946, -36.0004, 7.5764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.6946,
-36.0004, 7.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	55CAAD
RGB	85, 202, 173
RGB Percent	33%, 79%, 68%
CMY	0.6667, 0.2078, 0.3216
CMYK	0.58, 0.00, 0.14, 0.21
HSL	165°, 52%, 56%
HSV	165°, 58%, 79%
XYZ	32.4097, 47.1895, 46.9355
YIQ	163.7110, -60.4230, -33.8230

Conversions

Conversions Part 2

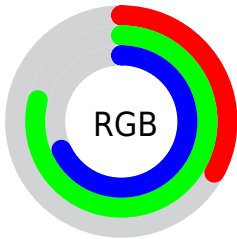
Format	Color
RYB	85, 152, 202
Decimal	5622445
CIELab	74.31, -39.96, 4.63
CIElCh	74, 40.225, 173.393
Yxy	47.1913, 0.2561, 0.3729
Android (android.graphics.Color)	4283812525 (0xFF55CAAD)
YUV	163.7110, 4.5795, -69.0295
Hunter-Lab	68.6946, -36.0004, 7.5764

Details

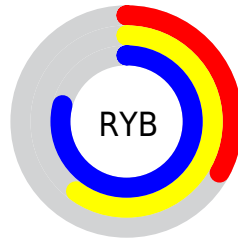
The HunterLab color **68.6946, -36.0004, 7.5764** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **45.0219, 42.7089, 7.5229**, and the grayscale version is **60.8116, -3.2448, 3.3040**.

A 20% lighter version of the original color is **91.1322, -39.4816, 7.7113**, and **47.1677, -29.9978, 5.8012** is the 20% darker color. If you saturate the color by 10%, you get **67.9608, -39.2018, 8.8740**, and if you desaturate by 10%, it is **69.6226, -32.0856, 6.4668**.

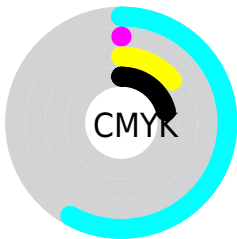
Distribution



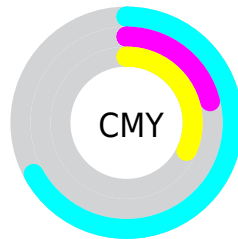
- Red (33%)
- Green (79%)
- Blue (68%)



- Red (33%)
- Yellow (60%)
- Blue (79%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6946, -36.0004, 7.5764 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 68.6946, -36.0004, 7.5764 by changing the saturation by 10% instead.

68.6946, -36.0004,
7.5764

68.6946, -36.0004,
7.5764

193.7983,
-58.5004, 16.0535

57.6081, -33.1651,
6.7414

92.7357, -41.3783,
9.3126

47.1908, -30.1963,
5.9263

105.6274,
-43.9559, 10.2125

37.4903, -27.0545,
5.1304

119.0665,
-46.4765, 11.1338

28.5641, -23.6807,
4.3516

133.0317,
-48.9497, 12.0764

20.4863, -19.9810,
3.5850

147.5039,
-51.3829, 13.0399

13.3578, -16.2868,
2.8211

162.4658,

6.9092, -12.0910,

-53.7825, 14.0241

3.1526

177.9020,
-56.1536, 15.0287

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6946, -36.0004,
7.5764

■ 68.6946, -36.0004,
7.5764

■ 67.9608, -39.2018,
8.8740

■ 69.6226, -32.0856,
6.4668

■ 67.4058, -41.7048,
10.3320

■ 70.7480, -27.4618,
5.5622

■ 67.0147, -43.5542,
11.9207

■ 72.0759, -22.1548,
4.8771

■ 66.7599, -44.8482,
13.5976

■ 73.6072, -16.2050,
4.4196

■ 66.7139, -45.0881,

■ 75.3402, -9.6633,

13.9457

4.1927

■ 77.2709, -2.5876,
4.1946

■ 79.3939, 4.9613,
4.4198

■ 81.7022, 12.9223,
4.8595

■ 82.8059, 16.8169,
3.7933

Harmonies

Analogous

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



68.6960, -30.3329, 21.2392



68.6946, -36.0004, 7.5764



68.6960, -33.7836, -11.3542

Triad

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



68.6960, -36.0010, 7.5772



68.6960, 11.2724, -35.8747



68.6960, 19.2305, 26.0032

Complementary

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



68.6946, -36.0004, 7.5764



45.0219, 42.7089, 7.5229

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.



68.6960, 32.7349, 16.0335



68.6946, -36.0004, 7.5764



68.6960, 27.8062, -20.0749

Square

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



68.6960, -36.0010, 7.5772



68.6960, -7.7767, -39.9121



68.6960, 36.0306, -0.3336



68.6960, 0.5373, 29.8686

Rectangle

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



68.6946, -36.0004, 7.5764



68.6960, -28.0009, -24.3108



68.6960, 36.0306, -0.3336



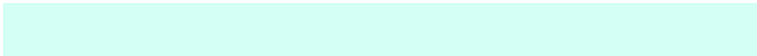
68.6960, 24.6053, 23.4085

Sweetspot

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



68.6960, -36.0010, 7.5772



95.9230, -20.5247, 5.7208



68.1858, -41.4870, 33.8157



44.1790, -10.2601, 2.6896

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6960, -36.0010, 7.5772



88.1861, -52.0922, 12.1025



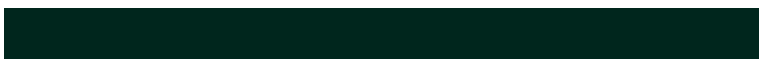
59.9905, -17.7899, -18.5723



35.6057, -5.0598, 1.9976



53.5292, -36.0835, 10.9871



12.2059, -7.9053, 1.8091

Inverse Universe

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



45.0219, 42.7089, 7.5229



52.7942, 67.5158, 13.4901



50.3040, 25.6732, 21.3160



33.5537, 1.5253, 1.8534



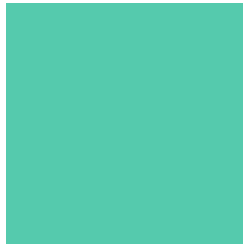
28.7066, 49.7207, 14.2102



6.6153, 11.6429, 1.8399

Previews

White Background



This preview shows how the HunterLab color 68.6946, -36.0004, 7.5764 looks on a white background.

Color Contrast Check

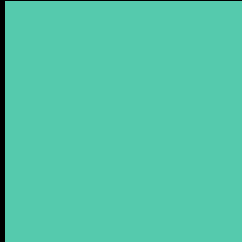
Large Text (above 18pt) WCAG AA × Fail

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 68.6946, -36.0004, 7.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

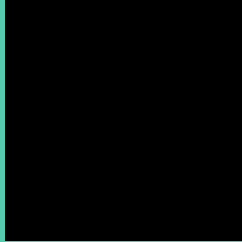
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

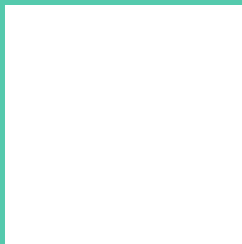
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.6946, -36.0004, 7.5764 Background



This preview shows how black text looks on a background with the HunterLab color 68.6946, -36.0004, 7.5764.



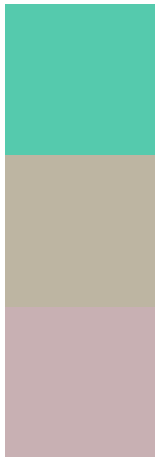
This preview shows how white text looks on a background with the HunterLab color 68.6946, -36.0004, 7.5764.

-36.0004, 7.5764.

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

68.6946, -36.0004, 7.5764

Protanopia

68.1727, -4.0118, 12.2089

Deuteranopia

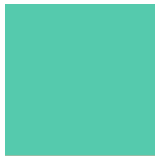
68.2530, 4.7341, 5.0927



Tritanopia

68.4733, -23.9764, -12.1605

Trichromacy



Original Color

68.6946, -36.0004, 7.5764



Protanomaly

67.6222, -18.4460, 9.7144



Deuteranomaly

67.1873, -12.9408, 4.4681



Tritanomaly

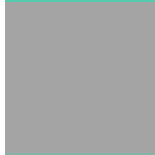
68.4435, -28.4879, -4.6052

Monochromacy



Original Color

68.6946, -36.0004, 7.5764



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

63.0727, -17.3046, 4.1956

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6946, -36.0004, 7.5764 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(85, 202, 173)` looks like.

```
.text, #text, p{  
    color:rgb(85, 202, 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(85, 202, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 202, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6946, -36.0004, 7.5764 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(85, 202, 173) }
```


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

```
.border{ border-color:rgb(85, 202, 173) }
```

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

Here you see how a box with a 4 pixel rgb(85, 202, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 202, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 202, 173);  
box-shadow:4px 4px 4px 4px rgb(85, 202,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6946, -36.0004, 7.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 202, 173) }
```

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

```
.background{ background-color: rgb(85, 202,  
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](#).

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