

Converting Colors

HunterLab(66.8464, -36.5803,
-4.5858)

Have a look what the booklet for
HunterLab(66.8464, -36.5803,
-4.5858) contains.

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Color

**HunterLab(66.8894,
-36.5691, -4.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	00C7C2
RGB	0, 199, 194
RGB Percent	0%, 78%, 76%
CMY	0.9998, 0.2196, 0.2392
CMYK	1.00, 0.00, 0.03, 0.22
HSL	178°, 100%, 39%
HSV	178°, 100%, 78%
XYZ	30.1611, 44.7419, 58.0853
YIQ	138.9290, -116.9990, -43.7430

Conversions

Conversions Part 2

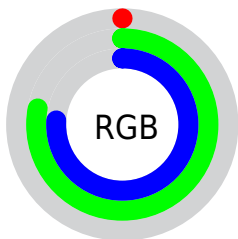
Format	Color
RYB	0, 101, 199
Decimal	51138
CIELab	72.72, -41.38, -9.24
CIELCh	73, 42.398, 192.582
Yxy	44.7436, 0.2268, 0.3364
Android (android.graphics.Color)	4278241218 (0xFF00C7C2)
YUV	138.9290, 27.1500, -121.8407
Hunter-Lab	66.8894, -36.5691, -4.6636

Details

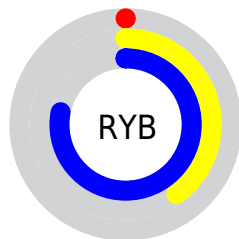
The HunterLab color **66.8894, -36.5691, -4.6636** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **34.8633, 59.7292, 22.2819**, and the grayscale version is **50.7181, -2.7062, 2.7556**.

A 20% lighter version of the original color is **90.2027, -41.6466, -4.5943**, and **46.7649, -25.4202, -3.5771** is the 20% darker color. If you saturate the color by 10%, you get **66.8904, -36.5703, -4.6625**, and if you desaturate by 10%, it is **67.0179, -36.0308, -4.7501**.

Distribution



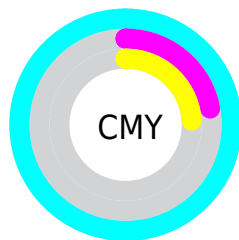
- Red (0%)
- Green (78%)
- Blue (76%)



- Red (0%)
- Yellow (40%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.8894, -36.5691, -4.6636 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 66.8894, -36.5691, -4.6636 by changing the saturation by 10% instead.

66.8894, -36.5691,
-4.6636

66.8894, -36.5691,
-4.6636

191.2418,
-59.7413, -1.0280

55.9066, -33.6271,
-4.8376

90.7389, -42.1317,
-4.1533

45.5999, -30.5392,
-4.9526

103.5414,
-44.7916, -3.8267

36.0182, -27.2615,
-5.0012

116.8950,
-47.3892, -3.4563

27.2214, -23.7277,
-4.9754

130.7779,
-49.9348, -3.0447

19.2869, -19.8323,
-4.8655

145.1707,
-52.4367, -2.5943

12.3212, -16.8020,
-4.6615

160.0559,

5.4902, -9.6079,

-54.9015, -2.1069

-6.6749

175.4177,
-57.3349, -1.5843

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8894, -36.5691,
-4.6636

■ 66.8894, -36.5691,
-4.6636

■ 66.8904, -36.5703,
-4.6625

■ 67.0179, -36.0308,
-4.7501

■ 67.2580, -35.0475,
-4.6837

■ 67.6490, -33.4764,
-4.4126

■ 68.2084, -31.2601,
-3.9149

■ 68.9493, -28.3670,

-3.1770

■ 69.8807, -24.7876,
-2.1931

■ 71.0080, -20.5313,
-0.9638

■ 72.3337, -15.6239,
0.5045

■ 73.8579, -10.1038,
2.2008

Harmonies

Analogous

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



66.8906, -35.9120, 13.5219



66.8894, -36.5691, -4.6636



66.8906, -29.1578, -25.4963

Triad

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



66.8906, -36.5692, -4.6627



66.8906, 23.9316, -28.5592



66.8906, 8.1048, 29.6392

Complementary

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



66.8894, -36.5691, -4.6636



34.8633, 59.7292, 22.2819

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.



66.8906, 26.5498, 23.6652



66.8894, -36.5691, -4.6636



66.8906, 36.3861, -8.0232

Square

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



66.8906, -36.5692, -4.6627



66.8906, 4.8501, -41.7372



66.8906, 37.3960, 11.0002



66.8906, -11.5983, 30.0599

Rectangle

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



66.8894, -36.5691, -4.6636



66.8906, -20.0811, -36.7168



66.8906, 37.3960, 11.0002



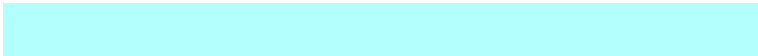
66.8906, 14.7103, 28.3153

Sweetspot

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



66.8906, -36.5692, -4.6627



93.8834, -27.4467, -1.3575



63.9464, -54.6603, 38.4454



43.1271, -13.8547, -0.9653

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.8906, -36.5692, -4.6627



88.5065, -48.4094, -6.1233



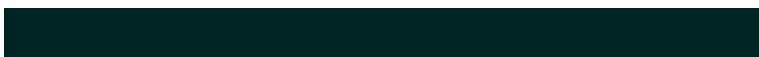
38.0316, 6.0982, -60.6964



34.7315, -4.5818, 1.0843



53.6396, -29.3133, -3.7659



11.6784, -6.3404, -0.9098

Inverse Universe

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



34.8633, 59.7292, 22.2819



46.1238, 79.0189, 29.5680



44.6680, 31.5616, 28.0751



32.6208, 1.1598, 2.6394



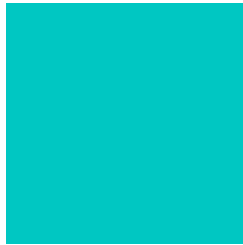
27.9583, 47.9116, 17.8167



6.0964, 10.4725, 3.6893

Previews

White Background



This preview shows how the HunterLab color 66.8894, -36.5691, -4.6636 looks on a white background.

Color Contrast Check

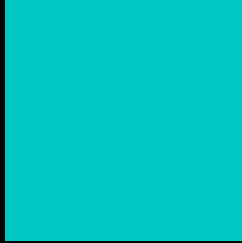
Large Text (above 18pt) WCAG AA × Fail

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 66.8894, -36.5691, -4.6636 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

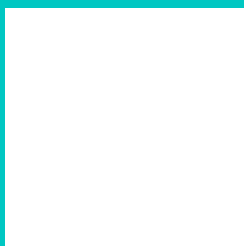
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.8894, -36.5691, -4.6636 Background



This preview shows how black text looks on a background with the HunterLab color 66.8894, -36.5691, -4.6636.



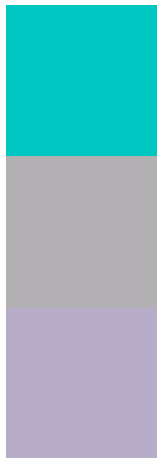
This preview shows how white text looks on a background with the HunterLab color 66.8894,

-36.5691, -4.6636.

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

66.8894, -36.5691, -4.6636

Protanopia

66.2795, -1.9238, 2.1809

Deuteranopia

66.5189, 4.7123, -7.6341



Tritanopia

66.8464, -30.2000, -14.5846

Trichromacy



Original Color

66.8894, -36.5691, -4.6636



Protanomaly

64.3127, -21.4083, -3.0600



Deuteranomaly

64.2768, -17.3505, -9.9779



Tritanomaly

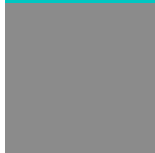
66.7435, -32.8603, -10.7558

Monochromacy



Original Color

66.8894, -36.5691, -4.6636



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.8340, -20.9989, -2.0456

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8894, -36.5691, -4.6636 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(0, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 194)  
}
```

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(0, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8894, -36.5691, -4.6636 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(0, 199, 194) }
```


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

```
.border{ border-color:rgb(0, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8894, -36.5691, -4.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 194) }
```

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

```
.background{ background-color: rgb(0, 199,  
194) }
```

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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