

Converting Colors

HunterLab(63.4178, -49.7774,
-6.8903)

Have a look what the booklet for
HunterLab(63.4178, -49.7774,
-6.8903) contains.

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Color

**HunterLab(66.3794,
-37.1603, -2.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	00C6BD
RGB	0, 198, 189
RGB Percent	0%, 78%, 74%
CMY	0.9999, 0.2235, 0.2588
CMYK	1.00, 0.00, 0.05, 0.22
HSL	177°, 100%, 39%
HSV	177°, 100%, 78%
XYZ	29.3794, 44.0622, 55.1005
YIQ	137.7720, -115.1190, -44.7750

Conversions

Conversions Part 2

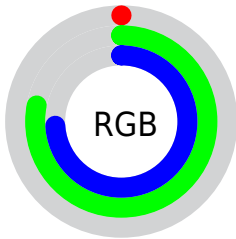
Format	Color
RYB	0, 101, 198
Decimal	50877
CIELab	72.27, -42.41, -7.19
CIELCh	72, 43.011, 189.620
Yxy	44.0639, 0.2286, 0.3428
Android (android.graphics.Color)	4278240957 (0xFF00C6BD)
YUV	137.7720, 25.2554, -120.8260
Hunter-Lab	66.3794, -37.1603, -2.7501

Details

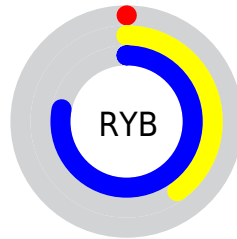
The HunterLab color **66.3794, -37.1603, -2.7501** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **34.6797, 59.4410, 21.9663**, and the grayscale version is **50.2636, -2.6819, 2.7309**.

A 20% lighter version of the original color is **90.0309, -42.6587, -2.1600**, and **46.2844, -25.9782, -1.7721** is the 20% darker color. If you saturate the color by 10%, you get **66.3804, -37.1615, -2.7487**, and if you desaturate by 10%, it is **66.5206, -36.5444, -3.0199**.

Distribution



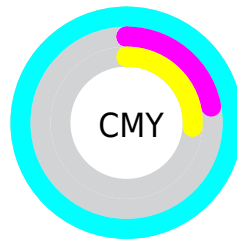
- Red (0%)
- Green (78%)
- Blue (74%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3794, -37.1603, -2.7501 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 66.3794, -37.1603, -2.7501 by changing the saturation by 10% instead.

66.3794, -37.1603,
-2.7501

66.3794, -37.1603,
-2.7501

190.5174,
-60.7905, 1.5390

55.4263, -34.1491,
-3.0099

90.1742, -42.8459,
-2.0778

45.1512, -30.9850,
-3.2143

102.9512,
-45.5612, -1.6744

35.6036, -27.6219,
-3.3562

116.2804,
-48.2111, -1.2297

26.8439, -23.9903,
-3.4274

130.1399,
-50.8063, -0.7462

18.9505, -19.9793,
-3.4174

144.5101,
-53.3555, -0.2259

12.0318, -17.2575,
-3.3125

159.3734,

5.0143, -8.7751,

-55.8655, 0.3295

-5.6686

174.7140,
-58.3423, 0.9182

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3794, -37.1603,
-2.7501

■ 66.3794, -37.1603,
-2.7501

■ 66.3804, -37.1615,
-2.7487

■ 66.5206, -36.5444,
-3.0199

■ 66.7729, -35.4846,
-3.1412

■ 67.1754, -33.8386,
-3.0620

■ 67.7455, -31.5503,
-2.7597

■ 68.4960, -28.5894,

-2.2198

■ 69.4358, -24.9474,
-1.4351

■ 70.5701, -20.6349,
-0.4048

■ 71.9014, -15.6782,
0.8660

■ 73.4295, -10.1165,
2.3675

Harmonies

Analogous

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



66.3806, -35.6878, 15.0615



66.3794, -37.1603, -2.7501



66.3806, -30.4779, -23.9813

Triad

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



66.3806, -37.1604, -2.7493



66.3806, 22.6076, -30.9075



66.3806, 10.2858, 29.4452

Complementary

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



66.3794, -37.1603, -2.7501



34.6797, 59.4410, 21.9663

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.



66.3806, 28.5105, 22.8572



66.3794, -37.1603, -2.7501



66.3806, 36.1845, -10.3255

Square

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



66.3806, -37.1604, -2.7493



66.3806, 2.9582, -43.1158



66.3806, 38.4633, 9.4024



66.3806, -9.8079, 30.3804

Rectangle

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



66.3794, -37.1603, -2.7501



66.3806, -21.7779, -35.9923



66.3806, 38.4633, 9.4024



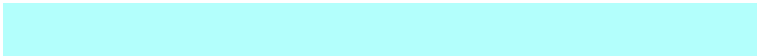
66.3806, 16.8955, 27.9359

Sweetspot

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



66.3806, -37.1604, -2.7493



93.8308, -27.7477, -0.6102



63.6032, -54.2802, 38.2407



43.0992, -14.0151, -0.5691

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3806, -37.1604, -2.7493



88.3264, -49.4860, -3.5744



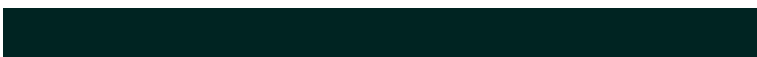
38.7266, 4.3804, -57.8574



34.7259, -4.6128, 1.1637



53.5334, -29.9478, -2.2634



11.6602, -6.4490, -0.6527

Inverse Universe

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



34.6797, 59.4410, 21.9663



46.1363, 79.0652, 29.3827



43.7851, 32.9268, 27.5551



32.6261, 1.1882, 2.5641



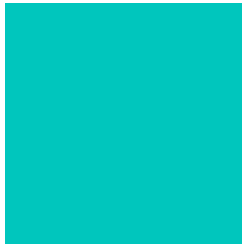
27.9713, 47.9598, 17.6237



6.1094, 10.5208, 3.4964

Previews

White Background



This preview shows how the HunterLab color 66.3794, -37.1603, -2.7501 looks on a white background.

Color Contrast Check

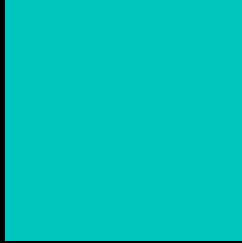
Large Text (above 18pt) WCAG AA × Fail

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 66.3794, -37.1603, -2.7501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

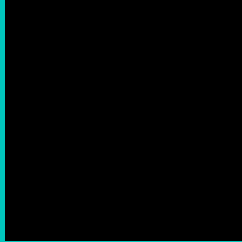
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

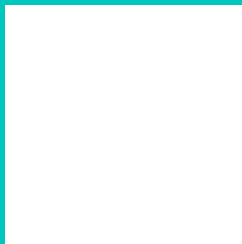
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.3794, -37.1603, -2.7501 Background



This preview shows how black text looks on a background with the HunterLab color 66.3794, -37.1603, -2.7501.



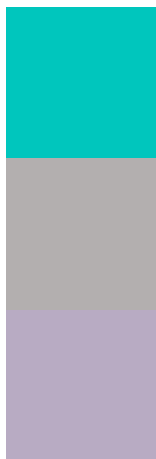
This preview shows how white text looks on a background with the HunterLab color 66.3794,

-37.1603, -2.7501.

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

66.3794, -37.1603, -2.7501

Protanopia

65.8322, -2.2526, 3.9991

Deuteranopia

65.7695, 4.8100, -5.9322



Tritanopia

66.5184, -29.8137, -14.4647

Trichromacy



Original Color

66.3794, -37.1603, -2.7501



Protanomaly

63.8276, -21.8965, -1.1633



Deuteranomaly

63.7808, -17.9019, -7.9117



Tritanomaly

66.3511, -32.7940, -10.1761

Monochromacy



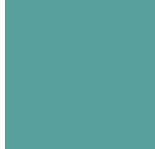
Original Color

66.3794, -37.1603, -2.7501



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.4524, -20.9409, -1.5455

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3794, -37.1603, -2.7501 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, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 189)  
}
```

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, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3794, -37.1603, -2.7501 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, 198, 189) }
```


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

```
.border{ border-color:rgb(0, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3794, -37.1603, -2.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 189) }
```

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

```
.background{ background-color: rgb(0, 198,  
189) }
```

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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