

Converting Colors

HunterLab(64.0674, -34.4566,
-5.6968)

Have a look what the booklet for
HunterLab(64.0674, -34.4566,
-5.6968) contains.

HunterLab(63.9810, -34.3629, -5.7910)	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(63.9810,
-34.3629, -5.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFBD
RGB	0, 191, 189
RGB Percent	0%, 75%, 74%
CMY	0.9998, 0.2510, 0.2588
CMYK	1.00, 0.00, 0.01, 0.25
HSL	179°, 100%, 37%
HSV	179°, 100%, 75%
XYZ	27.8161, 40.9357, 54.5794
YIQ	133.6630, -113.1940, -41.1140

Conversions

Conversions Part 2

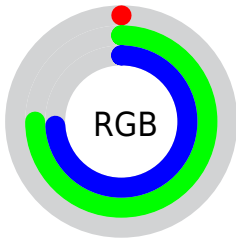
Format	Color
RYB	0, 96, 191
Decimal	49085
CIELab	70.13, -39.29, -10.37
CIELCh	70, 40.637, 194.787
Yxy	40.9372, 0.2255, 0.3319
Android (android.graphics.Color)	4278239165 (0xFF00BFBD)
YUV	133.6630, 27.2811, -117.2225
Hunter-Lab	63.9810, -34.3629, -5.7910

Details

The HunterLab color **63.9810, -34.3629, -5.7910** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **33.2897, 57.0164, 21.4067**, and the grayscale version is **48.6256, -2.5945, 2.6419**.

A 20% lighter version of the original color is **87.4941, -39.8292, -5.3231**, and **44.3496, -23.7209, -4.2265** is the 20% darker color. If you saturate the color by 10%, you get **63.9820, -34.3638, -5.7902**, and if you desaturate by 10%, it is **64.0980, -33.8911, -5.7354**.

Distribution



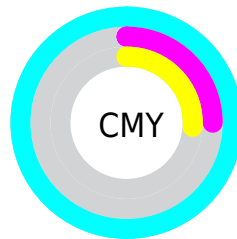
- Red (0%)
- Green (75%)
- Blue (74%)



- Red (0%)
- Yellow (38%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9810, -34.3629, -5.7910 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 63.9810, -34.3629, -5.7910 by changing the saturation by 10% instead.

63.9810, -34.3629,
-5.7910

63.9810, -34.3629,
-5.7910

187.0984,
-56.7706, -2.6190

53.1696, -31.5171,
-5.9022

87.5149, -39.7395,
-5.3979

43.0457, -28.5269,
-5.9509

100.1706,
-42.3100, -5.1261

33.6611, -25.3466,
-5.9297

113.3837,
-44.8207, -4.8085

25.0793, -21.9065,
-5.8303

127.1314,
-47.2817, -4.4479

17.3840, -18.0926,
-5.6440

141.3939,
-49.7011, -4.0466

10.6923, -16.9259,
-5.3665

156.1531,

1.2084, -2.1147,

-52.0856, -3.6068

-35.5116

171.3928,
-54.4406, -3.1304

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9810, -34.3629,
-5.7910

■ 63.9810, -34.3629,
-5.7910

■ 63.9820, -34.3638,
-5.7902

■ 64.0980, -33.8911,
-5.7354

■ 64.3203, -33.0003,
-5.5337

■ 64.6862, -31.5506,
-5.1355

■ 65.2123, -29.4878,
-4.5207

■ 65.9110, -26.7817,

-3.6776

■ 66.7906, -23.4227,
-2.6014

■ 67.8566, -19.4195,
-1.2940

■ 69.1114, -14.7956,
0.2378

■ 70.5548, -9.5872,
1.9827

Harmonies

Analogous

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



63.9822, -34.3082, 11.7567



63.9810, -34.3629, -5.7910



63.9822, -26.8011, -25.3054

Triad

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



63.9822, -34.3630, -5.7901



63.9822, 23.6797, -25.5590



63.9822, 6.2072, 28.3233

Complementary

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



63.9810, -34.3629, -5.7910



33.2897, 57.0164, 21.4067

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.



63.9822, 23.8970, 23.0612



63.9810, -34.3629, -5.7910



63.9822, 34.7393, -6.0690

Square

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



63.9822, -34.3630, -5.7901



63.9822, 5.9368, -38.7414



63.9822, 34.8231, 11.5467



63.9822, -12.2632, 28.3585

Rectangle

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



63.9810, -34.3629, -5.7910



63.9822, -17.9044, -35.4166



63.9822, 34.8231, 11.5467



63.9822, 12.4857, 27.1922

Sweetspot

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



63.9822, -34.3630, -5.7901



90.7335, -26.2738, -1.8256



61.0603, -52.2712, 36.7089



42.2209, -13.4241, -1.2200



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.9822, -34.3630, -5.7901



85.6233, -45.9965, -7.7285



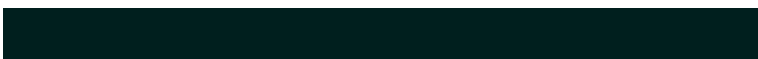
35.5382, 7.3162, -60.2091



32.8752, -4.2986, 0.9772



51.8683, -27.8527, -4.7048



10.2683, -5.4962, -0.9697

Inverse Universe

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



33.2897, 57.0164, 21.4067



44.5461, 76.2993, 28.6858



43.3473, 28.5035, 27.2078



30.8836, 1.0588, 2.5440



26.9868, 46.2292, 17.3339



5.3464, 9.1690, 3.3528

Previews

White Background



This preview shows how the HunterLab color 63.9810, -34.3629, -5.7910 looks on a white background.

Color Contrast Check

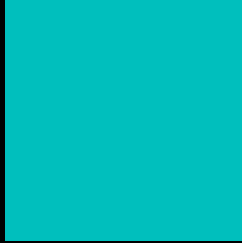
Large Text (above 18pt) WCAG AA × Fail

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 63.9810, -34.3629, -5.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

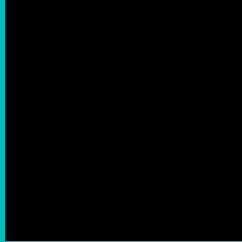
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

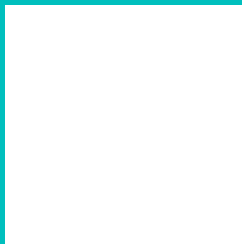
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.9810, -34.3629, -5.7910 Background



This preview shows how black text looks on a background with the HunterLab color 63.9810, -34.3629, -5.7910.



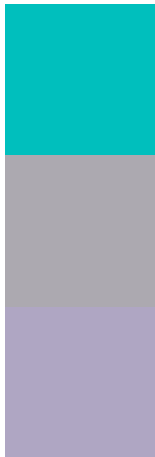
This preview shows how white text looks on a background with the HunterLab color 63.9810,

-34.3629, -5.7910.

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

63.9810, -34.3629, -5.7910

Protanopia

63.4675, -1.2759, 0.7152

Deuteranopia

63.5032, 4.5815, -8.9938



Tritanopia

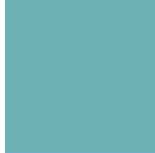
64.1326, -29.2224, -13.8065

Trichromacy



Original Color

63.9810, -34.3629, -5.7910



Protanomaly

61.6698, -20.0199, -4.3789



Deuteranomaly

61.5546, -16.3425, -10.9524



Tritanomaly

64.1347, -31.3123, -10.9799

Monochromacy



Original Color

63.9810, -34.3629, -5.7910



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.6375, -19.8835, -2.3487

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9810, -34.3629, -5.7910 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, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 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, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9810, -34.3629, -5.7910 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, 191, 189) }
```


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

```
.border{ border-color:rgb(0, 191, 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, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9810, -34.3629, -5.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 189) }
```

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

```
.background{ background-color: rgb(0, 191,  
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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