

Converting Colors

HunterLab(64.3209, -34.0902,
-6.8045)

Have a look what the booklet for
HunterLab(64.3209, -34.0902,
-6.8045) contains.

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Color

**HunterLab(64.4244,
-34.1547, -6.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0C0
RGB	0, 192, 192
RGB Percent	0%, 75%, 75%
CMY	0.9998, 0.2470, 0.2471
CMYK	1.00, 0.00, 0.00, 0.25
HSL	180°, 100%, 38%
HSV	180°, 100%, 75%
XYZ	28.3641, 41.5050, 56.3855
YIQ	134.5920, -114.4320, -40.7040

Conversions

Conversions Part 2

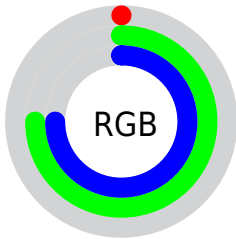
Format	Color
RYB	0, 96, 192
Decimal	49344
CIELab	70.53, -38.84, -11.42
CIELCh	71, 40.482, 196.385
Yxy	41.5066, 0.2247, 0.3287
Android (android.graphics.Color)	4278239424 (0xFF00C0C0)
YUV	134.5920, 28.3021, -118.0372
Hunter-Lab	64.4244, -34.1547, -6.7947

Details

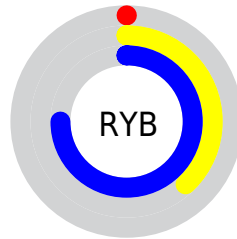
The HunterLab color **64.4244, -34.1547, -6.7947** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **33.4780, 57.3257, 21.6305**, and the grayscale version is **48.9898, -2.6140, 2.6617**.

A 20% lighter version of the original color is **87.9842, -39.5243, -6.3209**, and **44.7672, -23.5226, -5.1765** is the 20% darker color. If you saturate the color by 10%, you get **64.4254, -34.1556, -6.7941**, and if you desaturate by 10%, it is **64.5346, -33.7239, -6.6416**.

Distribution



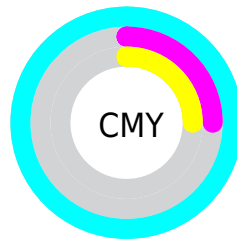
- Red (0%)
- Green (75%)
- Blue (75%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4244, -34.1547, -6.7947 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 64.4244, -34.1547, -6.7947 by changing the saturation by 10% instead.

64.4244, -34.1547,
-6.7947

64.4244, -34.1547,
-6.7947

187.7321,
-56.3514, -3.9413

53.5865, -31.3420,
-6.8651

88.0070, -39.4735,
-6.4795

43.4343, -28.3888,
-6.8719

100.6853,
-42.0183, -6.2450

34.0192, -25.2507,
-6.8078

113.9200,
-44.5048, -5.9636

25.4041, -21.8602,
-6.6652

127.6886,
-46.9430, -5.6381

17.6716, -18.1073,
-6.4369

141.9712,
-49.3409, -5.2711

10.9371, -16.5316,
-6.1233

156.7497,

2.4209, -4.2365,

-51.7049, -4.8648

-19.4220

172.0083,
-54.0403, -4.4209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4244, -34.1547,
-6.7947

■ 64.4244, -34.1547,
-6.7947

■ 64.4254, -34.1556,
-6.7941

■ 64.5346, -33.7239,
-6.6416

■ 64.7509, -32.8717,
-6.3405

■ 65.1116, -31.4578,
-5.8406

■ 65.6335, -29.4272,
-5.1225

■ 66.3290, -26.7487,

-4.1746

■ 67.2069, -23.4124,
-2.9931

■ 68.2723, -19.4262,
-1.5803

■ 69.5279, -14.8136,
0.0563

■ 70.9737, -9.6104,
1.9045

Harmonies

Analogous

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



64.4256, -34.5117, 10.9784



64.4244, -34.1547, -6.7947



64.4256, -26.1999, -26.1365

Triad

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



64.4256, -34.1548, -6.7938



64.4256, 24.4049, -24.4923



64.4256, 5.1528, 28.4975

Complementary

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



64.4244, -34.1547, -6.7947



33.4780, 57.3257, 21.6305

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.



64.4256, 22.9942, 23.5190



64.4244, -34.1547, -6.7947



64.4256, 34.9277, -4.9827

Square

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



64.4256, -34.1548, -6.7938



64.4256, 6.9097, -38.1651



64.4256, 34.3840, 12.3454



64.4256, -13.1769, 28.2667

Rectangle

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



64.4244, -34.1547, -6.7947



64.4256, -17.0875, -35.8672



64.4256, 34.3840, 12.3454



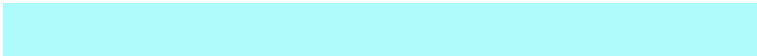
64.4256, 11.4452, 27.4551

Sweetspot

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



64.4256, -34.1548, -6.7938



91.8209, -26.4385, -2.2298



61.4178, -52.5778, 36.9238



42.2351, -13.3424, -1.4216



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.



64.4256, -34.1548, -6.7938



86.7207, -45.9756, -9.1453



35.7376, 7.3758, -60.5870



33.8060, -4.4132, 0.9622



52.8473, -28.0174, -5.5731



10.9850, -5.8238, -1.1585

Inverse Universe

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



33.4780, 57.3257, 21.6305



45.0617, 77.1695, 29.1177



43.5941, 28.6872, 27.3631



31.7457, 1.0849, 2.6561



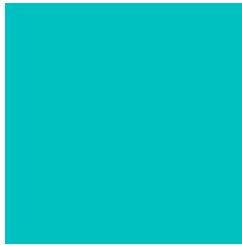
27.4604, 47.0268, 17.7442



5.7080, 9.7752, 3.6883

Previews

White Background



This preview shows how the HunterLab color 64.4244, -34.1547, -6.7947 looks on a white background.

Color Contrast Check

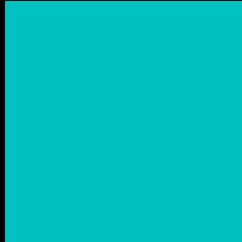
Large Text (above 18pt) WCAG AA × Fail

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 64.4244, -34.1547, -6.7947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

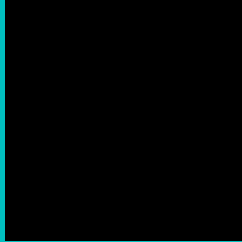
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

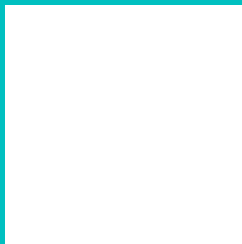
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4244, -34.1547, -6.7947 Background



This preview shows how black text looks on a background with the HunterLab color 64.4244, -34.1547, -6.7947.



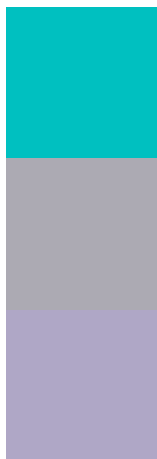
This preview shows how white text looks on a background with the HunterLab color 64.4244,

-34.1547, -6.7947.

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

64.4244, -34.1547, -6.7947

Protanopia

63.8551, -1.2596, -0.2737

Deuteranopia

63.8973, 4.6454, -10.1193



Tritanopia

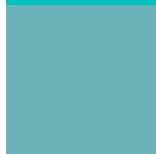
64.4919, -29.4782, -13.8754

Trichromacy



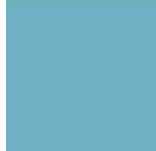
Original Color

64.4244, -34.1547, -6.7947



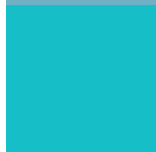
Protanomaly

62.0908, -19.8879, -5.3900



Deuteranomaly

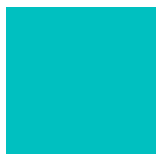
61.9804, -16.1788, -12.0488



Tritanomaly

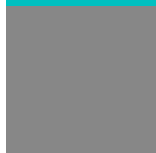
64.4999, -31.5477, -11.0376

Monochromacy



Original Color

64.4244, -34.1547, -6.7947



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

53.0619, -19.7689, -2.7938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4244, -34.1547, -6.7947 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, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 192)  
}
```

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, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4244, -34.1547, -6.7947 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, 192, 192) }
```


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

```
.border{ border-color:rgb(0, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4244, -34.1547, -6.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 192) }
```

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

```
.background{ background-color: rgb(0, 192,  
192) }
```

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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