

Converting Colors

HunterLab(66.0762, -34.7948,
-6.9026)

Have a look what the booklet for
HunterLab(66.0762, -34.7948,
-6.9026) contains.

HunterLab(65.9822, -34.7388, -6.8779)	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(65.9822,
-34.7388, -6.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	0BC4C4
RGB	11, 196, 196
RGB Percent	4%, 77%, 77%
CMY	0.9567, 0.2314, 0.2314
CMYK	0.94, 0.00, 0.00, 0.23
HSL	180°, 89%, 41%
HSV	180°, 94%, 77%
XYZ	29.8417, 43.5365, 59.0551
YIQ	140.6850, -110.2600, -39.2200

Conversions

Conversions Part 2

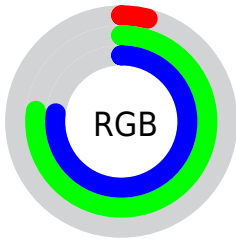
Format	Color
RYB	11, 104, 196
Decimal	771268
CIELab	71.92, -39.12, -11.52
CIELCh	72, 40.783, 196.408
Yxy	43.5381, 0.2253, 0.3287
Android (android.graphics.Color)	4278961348 (0xFF0BC4C4)
YUV	140.6850, 27.2703, -113.7337
Hunter-Lab	65.9822, -34.7388, -6.8779

Details

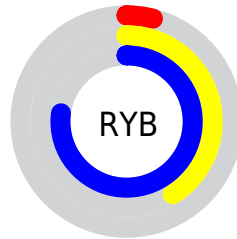
The HunterLab color **65.9822, -34.7388, -6.8779** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **34.6419, 57.6131, 21.8108**, and the grayscale version is **51.4153, -2.7434, 2.7935**.

A 20% lighter version of the original color is **89.6697, -39.8749, -6.8887**, and **45.8288, -24.0846, -5.2902** is the 20% darker color. If you saturate the color by 10%, you get **65.9293, -34.9529, -6.9526**, and if you desaturate by 10%, it is **66.1456, -34.0988, -6.6508**.

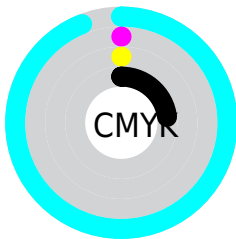
Distribution



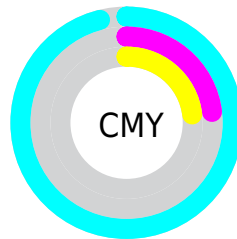
- Red (4%)
- Green (77%)
- Blue (77%)



- Red (4%)
- Yellow (41%)
- Blue (77%)



- Cyan (94%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9822, -34.7388, -6.8779 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 65.9822, -34.7388, -6.8779 by changing the saturation by 10% instead.

65.9822, -34.7388,
-6.8779

65.9822, -34.7388,
-6.8779

189.9527,
-56.9934, -4.0014

55.0523, -31.9255,
-6.9527

89.7342, -40.0651,
-6.5554

44.8020, -28.9751,
-6.9647

102.4913,
-42.6154, -6.3179

35.2810, -25.8454,
-6.9065

115.8015,
-45.1084, -6.0338

26.5504, -22.4721,
-6.7709

129.6426,
-47.5537, -5.7060

18.6893, -18.7522,
-6.5507

143.9951,
-49.9590, -5.3368

11.8074, -16.1417,
-6.2444

158.8413,

4.6088, -8.0654,

-52.3308, -4.9284

-10.1338

174.1653,
-54.6741, -4.4827

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9822, -34.7388,
-6.8779

■ 65.9822, -34.7388,
-6.8779

■ 65.9293, -34.9529,
-6.9526

■ 66.1456, -34.0988,
-6.6508

■ 66.4462, -32.9175,
-6.2333

■ 66.9051, -31.1254,
-5.5997

■ 67.5370, -28.6800,
-4.7345

■ 68.3524, -25.5616,

-3.6306

■ 69.3583, -21.7705,
-2.2874

■ 70.5586, -17.3241,
-0.7107

■ 71.9543, -12.2542,
1.0893

■ 73.5441, -6.6029,
3.0980

Harmonies

Analogous

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



65.9834, -35.1080, 11.1715



65.9822, -34.7388, -6.8779



65.9834, -26.6418, -26.4772

Triad

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



65.9834, -34.7389, -6.8770



65.9834, 24.7460, -24.7849



65.9834, 5.1862, 29.0327

Complementary

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



65.9822, -34.7388, -6.8779



34.6419, 57.6131, 21.8108

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.



65.9834, 23.2918, 23.9559



65.9822, -34.7388, -6.8779



65.9834, 35.4091, -5.0099

Square

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



65.9834, -34.7389, -6.8770



65.9834, 6.9986, -38.6340



65.9834, 34.8489, 12.5841



65.9834, -13.4264, 28.7931

Rectangle

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



65.9822, -34.7388, -6.8779



65.9834, -17.3752, -36.3231



65.9834, 34.8489, 12.5841



65.9834, 11.5728, 27.9694

Sweetspot

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



65.9834, -34.7389, -6.8770



94.2767, -25.8573, -1.8577



62.9283, -53.4382, 37.5412



43.2959, -13.1544, -1.2820

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.9834, -34.7389, -6.8770



88.7355, -47.0438, -9.3576



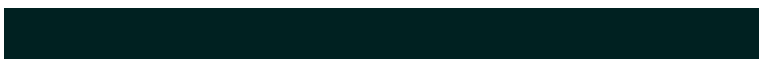
38.0657, 5.2204, -57.7988



33.8060, -4.4132, 0.9622



52.8473, -28.0174, -5.5730



10.9850, -5.8238, -1.1585

Inverse Universe

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



34.6419, 57.6131, 21.8108



46.1086, 78.9624, 29.7942



45.7810, 26.8157, 28.2679



31.7457, 1.0849, 2.6561



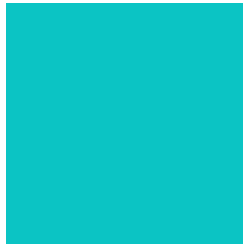
27.4604, 47.0268, 17.7442



5.7080, 9.7752, 3.6883

Previews

White Background



This preview shows how the HunterLab color 65.9822, -34.7388, -6.8779 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 65.9822, -34.7388, -6.8779 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

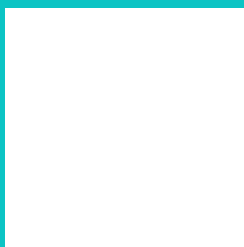
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.9822, -34.7388, -6.8779 Background



This preview shows how black text looks on a background with the HunterLab color 65.9822, -34.7388, -6.8779.



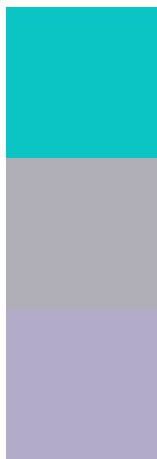
This preview shows how white text looks on a background with the HunterLab color 65.9822,

-34.7388, -6.8779.

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

65.9822, -34.7388, -6.8779

Protanopia

65.4825, -1.5123, 0.2528

Deuteranopia

65.5544, 4.5822, -10.0629



Tritanopia

66.0530, -29.9611, -14.5528

Trichromacy



Original Color

65.9822, -34.7388, -6.8779



Protanomaly

63.8410, -19.7330, -4.6692



Deuteranomaly

63.7685, -15.8128, -11.7889



Tritanomaly

66.0945, -31.9081, -11.6428

Monochromacy



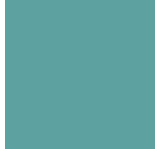
Original Color

65.9822, -34.7388, -6.8779



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

55.1748, -19.5784, -2.5773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.9822, -34.7388, -6.8779 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(11, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(11, 196, 196)  
}
```

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(11, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 196, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 65.9822, -34.7388, -6.8779 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(11, 196, 196) }
```


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

```
.border{ border-color:rgb(11, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(11, 196,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.9822, -34.7388, -6.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 196, 196) }
```

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

```
.background{ background-color: rgb(11, 196,  
196) }
```

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