

Converting Colors

HunterLab(66.0268, -34.9824,
-7.0108)

Have a look what the booklet for
HunterLab(66.0268, -34.9824,
-7.0108) contains.

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Color

**HunterLab(65.9283,
-34.9520, -6.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	00C4C4
RGB	0, 196, 196
RGB Percent	0%, 77%, 77%
CMY	0.9998, 0.2314, 0.2314
CMYK	1.00, 0.00, 0.00, 0.23
HSL	180°, 100%, 38%
HSV	180°, 100%, 77%
XYZ	29.7038, 43.4654, 59.0487
YIQ	137.3960, -116.8160, -41.5520

Conversions

Conversions Part 2

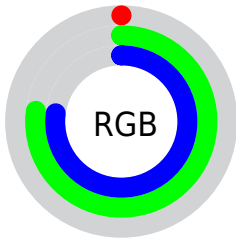
Format	Color
RYB	0, 98, 196
Decimal	50372
CIELab	71.87, -39.44, -11.60
CIELCh	72, 41.110, 196.385
Yxy	43.4670, 0.2247, 0.3287
Android (android.graphics.Color)	4278240452 (0xFF00C4C4)
YUV	137.3960, 28.8918, -120.4963
Hunter-Lab	65.9283, -34.9520, -6.9533

Details

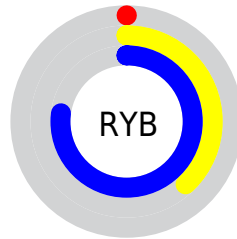
The HunterLab color **65.9283, -34.9520, -6.9533** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **34.2595, 58.6639, 22.1354**, and the grayscale version is **50.1011, -2.6733, 2.7221**.

A 20% lighter version of the original color is **89.6022, -40.1365, -6.9813**, 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, -6.9527**, and if you desaturate by 10%, it is **66.0392, -34.5187, -6.7993**.

Distribution



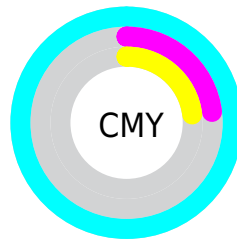
- Red (0%)
- Green (77%)
- Blue (77%)



- Red (0%)
- Yellow (38%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9283, -34.9520, -6.9533 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 65.9283, -34.9520, -6.9533 by changing the saturation by 10% instead.

65.9283, -34.9520,
-6.9533

65.9283, -34.9520,
-6.9533

189.8760,
-57.3433, -4.1029

55.0016, -32.1185,
-7.0247

89.6745, -40.3144,
-6.6373

44.7546, -29.1462,
-7.0332

102.4289,
-42.8812, -6.4028

35.2373, -25.9922,
-6.9714

115.7364,
-45.3898, -6.1217

26.5106, -22.5916,
-6.8321

129.5751,
-47.8499, -5.7967

18.6539, -18.8400,
-6.6082

143.9251,
-50.2695, -5.4303

11.7771, -16.2709,
-6.2988

158.7690,

4.5509, -7.9641,

-52.6549, -5.0246

-10.3386

174.0908,
-55.0113, -4.5816

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9283, -34.9520,
-6.9533

■ 65.9283, -34.9520,
-6.9533

■ 65.9293, -34.9529,
-6.9527

■ 66.0392, -34.5187,
-6.7993

■ 66.2592, -33.6517,
-6.4929

■ 66.6272, -32.2091,
-5.9830

■ 67.1605, -30.1340,
-5.2491

■ 67.8718, -27.3944,

-4.2796

■ 68.7702, -23.9795,
-3.0703

■ 69.8612, -19.8978,
-1.6236

■ 71.1472, -15.1731,
0.0527

■ 72.6284, -9.8422,
1.9463

Harmonies

Analogous

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



65.9295, -35.3173, 11.2346



65.9283, -34.9520, -6.9533



65.9295, -26.8115, -26.7466

Triad

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



65.9295, -34.9521, -6.9524



65.9295, 24.9746, -25.0641



65.9295, 5.2731, 29.1627

Complementary

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



65.9283, -34.9520, -6.9533



34.2595, 58.6639, 22.1354

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.



65.9295, 23.5310, 24.0680



65.9283, -34.9520, -6.9533



65.9295, 35.7430, -5.0991

Square

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



65.9295, -34.9521, -6.9524



65.9295, 7.0710, -39.0560



65.9295, 35.1867, 12.6335



65.9295, -13.4845, 28.9266

Rectangle

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



65.9283, -34.9520, -6.9533



65.9295, -17.4864, -36.7045



65.9295, 35.1867, 12.6335



65.9295, 11.7124, 28.0960

Sweetspot

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



65.9295, -34.9521, -6.9524



93.9490, -27.0718, -2.2884



62.8511, -53.8070, 37.7854



43.1620, -13.6546, -1.4593

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.9295, -34.9521, -6.9524



88.7355, -47.0437, -9.3577



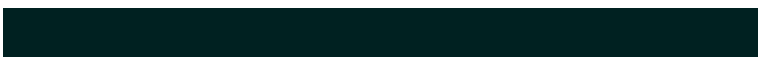
36.5369, 7.6152, -62.1028



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.



34.2595, 58.6639, 22.1354



46.1086, 78.9623, 29.7942



44.5835, 29.4239, 27.9856



31.7457, 1.0849, 2.6561



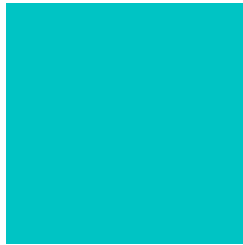
27.4604, 47.0268, 17.7442



5.7080, 9.7752, 3.6883

Previews

White Background



This preview shows how the HunterLab color 65.9283, -34.9520, -6.9533 looks on a white background.

Color Contrast Check

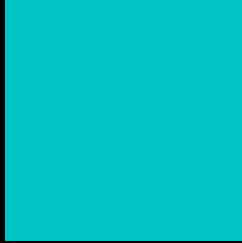
Large Text (above 18pt) WCAG AA × Fail

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 65.9283, -34.9520, -6.9533 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

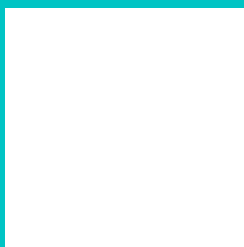
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.9283, -34.9520, -6.9533 Background



This preview shows how black text looks on a background with the HunterLab color 65.9283, -34.9520, -6.9533.



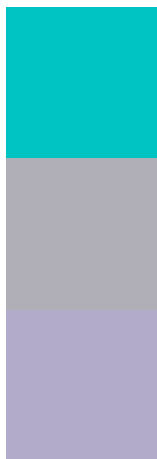
This preview shows how white text looks on a background with the HunterLab color 65.9283,

-34.9520, -6.9533.

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

65.9283, -34.9520, -6.9533

Protanopia

65.4825, -1.5123, 0.2528

Deuteranopia

65.5544, 4.5822, -10.0629



Tritanopia

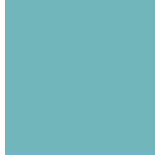
66.0392, -30.0147, -14.5737

Trichromacy



Original Color

65.9283, -34.9520, -6.9533



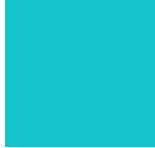
Protanomaly

63.6306, -20.5202, -4.9570



Deuteranomaly

63.5532, -16.6051, -12.1076



Tritanomaly

66.0456, -32.0996, -11.7148

Monochromacy



Original Color

65.9283, -34.9520, -6.9533



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.8039, -20.0784, -2.8439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.9283, -34.9520, -6.9533 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, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 65.9283, -34.9520, -6.9533 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, 196, 196) }
```


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

```
.border{ border-color:rgb(0, 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(0, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.9283, -34.9520, -6.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 196) }
```

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

```
.background{ background-color: rgb(0, 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](#).

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