

Converting Colors

HunterLab(57.9901, -37.8597,
-0.5414)

Have a look what the booklet for
HunterLab(57.9901, -37.8597,
-0.5414) contains.

HunterLab(58.7240, -34.2802, 0.6011)	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(58.7240,
-34.2802, 0.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	00B2A3
RGB	0, 178, 163
RGB Percent	0%, 70%, 64%
CMY	0.9999, 0.3020, 0.3608
CMYK	1.00, 0.00, 0.08, 0.30
HSL	175°, 100%, 35%
HSV	175°, 100%, 70%
XYZ	22.5312, 34.4851, 40.1190
YIQ	123.0680, -101.2730, -42.4010

Conversions

Conversions Part 2

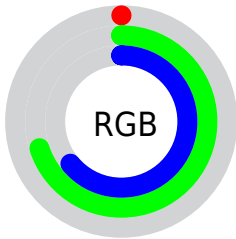
Format	Color
RYB	0, 93, 178
Decimal	45731
CIELab	65.35, -41.18, -3.13
CIELCh	65, 41.301, 184.346
Yxy	34.4864, 0.2320, 0.3550
Android (android.graphics.Color)	4278235811 (0xFF00B2A3)
YUV	123.0680, 19.6865, -107.9306
Hunter-Lab	58.7240, -34.2802, 0.6011

Details

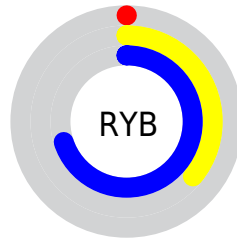
The HunterLab color **58.7240, -34.2802, 0.6011** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **30.8228, 52.8923, 19.0475**, and the grayscale version is **44.4892, -2.3738, 2.4172**.

A 20% lighter version of the original color is **81.5162, -39.7189, 1.2904**, and **39.4500, -23.4423, 1.2962** is the 20% darker color. If you saturate the color by 10%, you get **58.7249, -34.2814, 0.6026**, and if you desaturate by 10%, it is **58.8789, -33.5729, 0.0864**.

Distribution



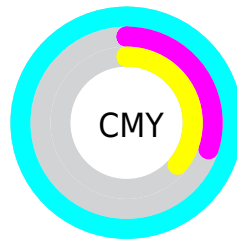
- Red (0%)
- Green (70%)
- Blue (64%)



- Red (0%)
- Yellow (36%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7240, -34.2802, 0.6011 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 58.7240, -34.2802, 0.6011 by changing the saturation by 10% instead.

■ 58.7240, -34.2802,
0.6011

■ 58.7240, -34.2802,
0.6011

■ 179.5259,
-57.7504, 6.0499

■ 48.2364, -31.2473,
0.1880

■ 81.6635, -39.9680,
1.5616

■ 38.4593, -28.0388,
-0.1762

■ 94.0437, -42.6714,
2.1014

■ 29.4499, -24.5960,
-0.4853

■ 106.9931,
-45.3039, 2.6779

■ 21.2802, -20.8267,
-0.7315

■ 120.4876,
-47.8775, 3.2891

■ 14.0476, -16.8384,
-0.9036

■ 134.5061,
-50.4019, 3.9332

■ 7.6937, -13.4639,
-1.2673

■ 149.0297,

0.0000, NaN, NaN

-52.8848, 4.6090

0.0000, NaN, NaN

164.0415,
-55.3326, 5.3149

0.0000, NaN, NaN

■ 58.7240, -34.2802,
0.6011

■ 58.7240, -34.2802,
0.6011

■ 58.7249, -34.2814,
0.6026

■ 58.8789, -33.5729,
0.0864

■ 59.1299, -32.4799,
-0.3080

■ 59.5138, -30.8665,
-0.5329

■ 60.0456, -28.6868,
-0.5675

■ 60.7358, -25.9167,
-0.3975

■ 61.5919, -22.5516,
-0.0148

■ 62.6183, -18.6027,
0.5832

■ 63.8168, -14.0950,
1.3944

■ 65.1871, -9.0638,
2.4123

Harmonies

Analogous

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



58.7251, -31.6223, 15.9263



58.7240, -34.2802, 0.6011



58.7251, -29.4697, -19.0116

Triad

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



58.7251, -34.2804, 0.6018



58.7251, 18.0757, -31.7234



58.7251, 12.8964, 26.0817

Complementary

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



58.7240, -34.2802, 0.6011



30.8228, 52.8923, 19.0475

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.



58.7251, 28.8505, 19.1264



58.7240, -34.2802, 0.6011



58.7251, 32.0885, -13.2303

Square

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



58.7251, -34.2804, 0.6018



58.7251, -0.4450, -40.9637



58.7251, 36.2535, 5.6781



58.7251, -5.7805, 27.7456

Rectangle

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



58.7240, -34.2802, 0.6011



58.7251, -22.2816, -31.0474



58.7251, 36.2535, 5.6781



58.7251, 18.8265, 24.4177

Sweetspot

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



58.7251, -34.2804, 0.6018



84.2433, -25.3540, 0.7351



56.5410, -47.9067, 34.0008



39.3705, -13.0137, 0.1744



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.7251, -34.2804, 0.6018



79.0694, -46.2280, 0.9631



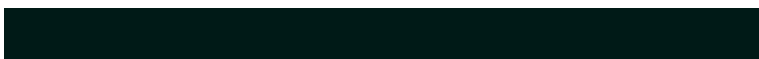
37.0011, -0.7131, -44.7063



31.0144, -4.1393, 1.1814



49.6779, -28.9699, 0.4447



8.8324, -5.0161, -0.2113

Inverse Universe

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



30.8228, 52.8923, 19.0475



41.4887, 71.1687, 25.8944



37.4158, 32.9320, 23.6308



29.1831, 1.0701, 2.1547



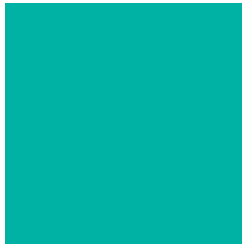
26.0789, 44.7713, 15.9958



4.6669, 8.0931, 2.2332

Previews

White Background



This preview shows how the HunterLab color 58.7240, -34.2802, 0.6011 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 58.7240, -34.2802, 0.6011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

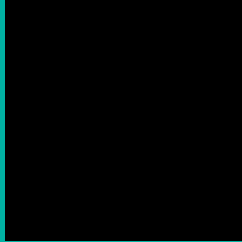
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

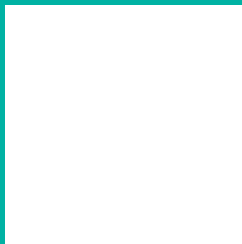
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.7240, -34.2802, 0.6011 Background



This preview shows how black text looks on a background with the HunterLab color 58.7240, -34.2802, 0.6011.



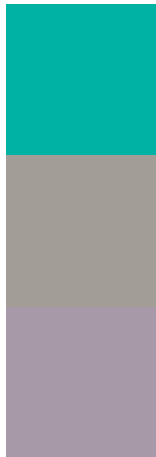
This preview shows how white text looks on a background with the HunterLab color 58.7240,

-34.2802, 0.6011.

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

58.7240, -34.2802, 0.6011

Protanopia

58.3350, -2.5069, 6.1444

Deuteranopia

58.2533, 4.1014, -1.7379



Tritanopia

58.6843, -25.8888, -12.3603

Trichromacy



Original Color

58.7240, -34.2802, 0.6011



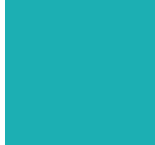
Protanomaly

56.7101, -20.6631, 2.1617



Deuteranomaly

56.3202, -16.5791, -3.5647



Tritanomaly

58.4478, -29.1539, -7.7574

Monochromacy



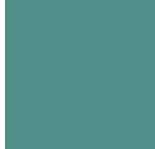
Original Color

58.7240, -34.2802, 0.6011



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

48.0620, -18.9221, -0.3776

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7240, -34.2802, 0.6011 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, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 163)  
}
```

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, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7240, -34.2802, 0.6011 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, 178, 163) }
```


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

```
.border{ border-color:rgb(0, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7240, -34.2802, 0.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 163) }
```

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

```
.background{ background-color: rgb(0, 178,  
163) }
```

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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