

Converting Colors

HunterLab(58.5762, -35.2020,
2.9115)

Have a look what the booklet for
HunterLab(58.5762, -35.2020,
2.9115) contains.

HunterLab(58.5853, -35.1372, 2.7479)	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(58.5853,
-35.1372, 2.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	02B29E
RGB	2, 178, 158
RGB Percent	1%, 70%, 62%
CMY	0.9920, 0.3019, 0.3804
CMYK	0.99, 0.00, 0.11, 0.30
HSL	173°, 98%, 35%
HSV	173°, 99%, 70%
XYZ	22.1170, 34.3224, 37.8070
YIQ	123.0960, -98.4760, -43.5320

Conversions

Conversions Part 2

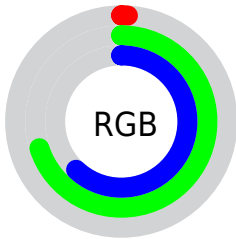
Format	Color
RYB	2, 95, 178
Decimal	176798
CIELab	65.22, -42.54, -0.54
CIELCh	65, 42.541, 180.729
Yxy	34.3237, 0.2347, 0.3642
Android (android.graphics.Color)	4278366878 (0xFF02B29E)
YUV	123.0960, 17.2077, -106.2012
Hunter-Lab	58.5853, -35.1372, 2.7479

Details

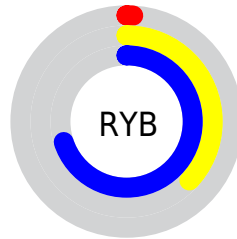
The HunterLab color **58.5853, -35.1372, 2.7479** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **30.9312, 52.7925, 18.5261**, and the grayscale version is **44.5089, -2.3749, 2.4183**.

A 20% lighter version of the original color is **81.3579, -40.6559, 3.5449**, and **39.3406, -24.1016, 2.8560** is the 20% darker color. If you saturate the color by 10%, you get **58.5685, -35.2232, 2.8312**, and if you desaturate by 10%, it is **58.7603, -34.3190, 2.0381**.

Distribution



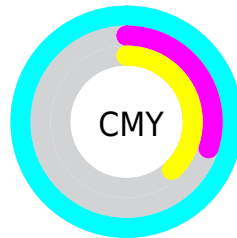
- Red (1%)
- Green (70%)
- Blue (62%)



- Red (1%)
- Yellow (37%)
- Blue (70%)



- Cyan (99%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (99%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5853, -35.1372, 2.7479 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 58.5853, -35.1372, 2.7479 by changing the saturation by 10% instead.

■ 58.5853, -35.1372,
2.7479

■ 58.5853, -35.1372,
2.7479

179.3245,
-59.2112, 9.1229

■ 48.1065, -32.0138,
2.2059

■ 81.5087, -40.9863,
3.9454

■ 38.3388, -28.7059,
1.7040

■ 93.8814, -43.7627,
4.5954

■ 29.3397, -25.1522,
1.2465

■ 106.8236,
-46.4641, 5.2773

■ 21.1814, -21.2563,
0.8380

■ 120.3113,
-49.1032, 5.9899

■ 13.9616, -17.2355,
0.4852

■ 134.3233,
-51.6901, 6.7318

■ 7.6009, -13.3016,
0.1185

■ 148.8405,

0.0000, NaN, NaN

-54.2328, 7.5019

0.0000, NaN, NaN

163.8461,
-56.7380, 8.2992

0.0000, NaN, NaN

■ 58.5853, -35.1372,
2.7479

■ 58.5853, -35.1372,
2.7479

■ 58.5685, -35.2232,
2.8312

■ 58.7603, -34.3190,
2.0381

■ 59.0401, -33.0797,
1.4515

■ 59.4552, -31.3098,
1.0299

■ 60.0200, -28.9670,
0.7945

■ 60.7446, -26.0311,
0.7601

■ 61.6360, -22.5003,
0.9360

■ 62.6980, -18.3892,
1.3260

■ 63.9322, -13.7251,
1.9291

■ 65.3378, -8.5454,
2.7399

Harmonies

Analogous

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



58.5864, -31.5058, 17.6631



58.5853, -35.1372, 2.7479



58.5864, -31.1365, -17.3001

Triad

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



58.5864, -35.1374, 2.7486



58.5864, 16.5600, -34.8519



58.5864, 15.6611, 25.9932

Complementary

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



58.5853, -35.1372, 2.7479



30.9312, 52.7925, 18.5261

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.



58.5864, 31.3853, 18.2097



58.5853, -35.1372, 2.7479



58.5864, 31.9487, -16.2918

Square

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



58.5864, -35.1374, 2.7486



58.5864, -2.6672, -42.8080



58.5864, 37.6841, 3.6261



58.5864, -3.5897, 28.2461

Rectangle

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



58.5853, -35.1372, 2.7479



58.5864, -24.3466, -30.2642



58.5864, 37.6841, 3.6261



58.5864, 21.6168, 24.0903

Sweetspot

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



58.5864, -35.1374, 2.7486



84.1770, -25.7339, 1.6786



56.5892, -47.6934, 33.9740



39.3350, -13.2184, 0.6799



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.



58.5864, -35.1374, 2.7486



78.8555, -47.5154, 4.0096



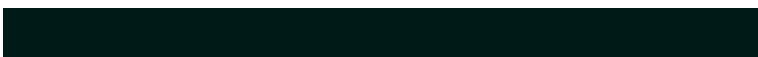
38.0756, -2.4224, -42.1697



31.0074, -4.1784, 1.2817



49.5469, -29.7583, 2.3103



8.8154, -5.1181, 0.0301

Inverse Universe

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



30.9312, 52.7925, 18.5261



41.5216, 71.2907, 25.4064



37.1293, 33.7216, 23.3763



29.1898, 1.1065, 2.0582



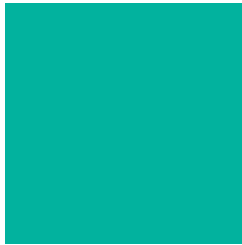
26.1037, 44.8631, 15.6292



4.6844, 8.1578, 1.9759

Previews

White Background



This preview shows how the HunterLab color 58.5853, -35.1372, 2.7479 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 58.5853, -35.1372, 2.7479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

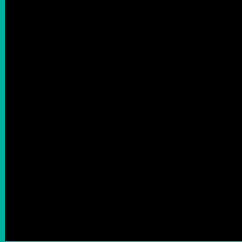
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

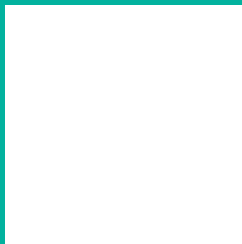
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.5853, -35.1372, 2.7479 Background



This preview shows how black text looks on a background with the HunterLab color 58.5853, -35.1372, 2.7479.



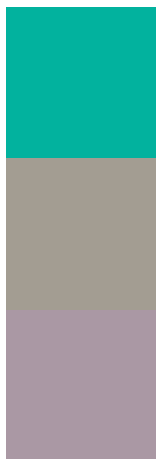
This preview shows how white text looks on a background with the HunterLab color 58.5853,

-35.1372, 2.7479.

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

58.5853, -35.1372, 2.7479

Protanopia

58.2888, -2.9401, 8.2045

Deuteranopia

58.0369, 4.5649, -0.0383



Tritanopia

58.7229, -25.7395, -12.3023

Trichromacy



Original Color

58.5853, -35.1372, 2.7479



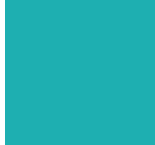
Protanomaly

56.6174, -21.3053, 4.2982



Deuteranomaly

55.9907, -16.4558, -1.9835



Tritanomaly

58.4040, -29.4635, -6.7535

Monochromacy



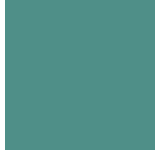
Original Color

58.5853, -35.1372, 2.7479



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

48.0466, -19.1006, 0.5285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5853, -35.1372, 2.7479 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(2, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(2, 178, 158)  
}
```

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(2, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 178, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5853, -35.1372, 2.7479 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(2, 178, 158) }
```


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

```
.border{ border-color:rgb(2, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(2, 178,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5853, -35.1372, 2.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 178, 158) }
```

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

```
.background{ background-color: rgb(2, 178,  
158) }
```

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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