

Converting Colors

HunterLab(57.5902, -32.8657,
-12.6365)

Have a look what the booklet for
HunterLab(57.5902, -32.8657,
-12.6365) contains.

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Color

**HunterLab(58.4851,
-28.5109, -11.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	00AFBA
RGB	0, 175, 186
RGB Percent	0%, 69%, 73%
CMY	0.9999, 0.3137, 0.2706
CMYK	1.00, 0.06, 0.00, 0.27
HSL	184°, 100%, 36%
HSV	184°, 100%, 73%
XYZ	24.1929, 34.2051, 51.7814
YIQ	123.9290, -107.8310, -33.6790

Conversions

Conversions Part 2

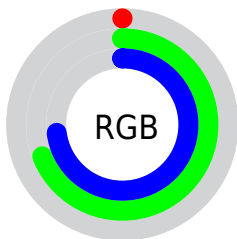
Format	Color
RYB	0, 90, 186
Decimal	44986
CIELab	65.13, -32.80, -16.24
CIELCh	65, 36.603, 206.339
Yxy	34.2063, 0.2196, 0.3105
Android (android.graphics.Color)	4278235066 (0xFF00AFBA)
YUV	123.9290, 30.6010, -108.6857
Hunter-Lab	58.4851, -28.5109, -11.5545

Details

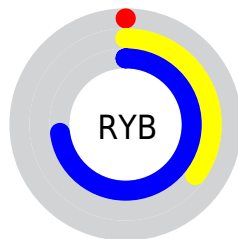
The HunterLab color **58.4851, -28.5109, -11.5545** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32.6794, 54.0762, 21.0817**, and the grayscale version is **44.7867, -2.3897, 2.4333**.

A 20% lighter version of the original color is **81.3728, -33.2736, -11.6485**, and **39.5127, -18.5816, -9.2750** is the 20% darker color. If you saturate the color by 10%, you get **58.4852, -28.5108, -11.5549**, and if you desaturate by 10%, it is **58.9669, -28.5129, -10.8736**.

Distribution



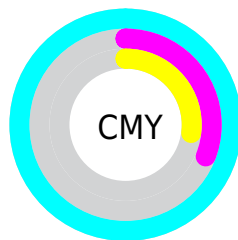
- Red (0%)
- Green (69%)
- Blue (73%)



- Red (0%)
- Yellow (35%)
- Blue (73%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4851, -28.5109, -11.5545 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 58.4851, -28.5109, -11.5545 by changing the saturation by 10% instead.

■ 58.4851, -28.5109,
-11.5545

■ 58.4851, -28.5109,
-11.5545

179.1790,
-48.3503, -10.4178

■ 48.0126, -26.0136,
-11.4033

■ 81.3968, -33.2375,
-11.6625

■ 38.2518, -23.3898,
-11.1828

■ 93.7641, -35.5035,
-11.6296

■ 29.2601, -20.5949,
-10.8890

■ 106.7012,
-37.7215, -11.5435

■ 21.1100, -17.5576,
-10.5228

■ 120.1839,
-39.9005, -11.4076

■ 13.8995, -14.1680,
-10.1032

■ 134.1911,
-42.0477, -11.2246

■ 7.5331, -13.1830,
-10.3733

148.7037,

0.0000, NaN, -NF

-44.1688, -10.9972

0.0000, NaN, NaN

163.7048,
-46.2683, -10.7276

0.0000, NaN, NaN

■ 58.4851, -28.5109,
-11.5545

■ 58.4851, -28.5109,
-11.5545

■ 58.4852, -28.5108,
-11.5549

■ 58.9669, -28.5129,
-10.8736

■ 59.5544, -28.0998,
-10.0435

■ 60.2848, -27.1357,
-9.0161

■ 61.1721, -25.5757,
-7.7794

■ 62.2255, -23.3993,
-6.3299

■ 63.4505, -20.6054,
-4.6717

■ 64.8493, -17.2092,
-2.8139

■ 66.4219, -13.2385,
-0.7699

■ 68.1658, -8.7307,
1.4446

Harmonies

Analogous

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



58.4862, -31.0845, 5.0448



58.4851, -28.5109, -11.5545



58.4862, -19.4122, -27.2514

Triad

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



58.4862, -28.5108, -11.5536



58.4862, 25.1364, -15.7442



58.4862, -1.1208, 25.7117

Complementary

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



58.4851, -28.5109, -11.5545



32.6794, 54.0762, 21.0817

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.



58.4862, 15.1687, 22.8713



58.4851, -28.5109, -11.5545



58.4862, 31.3335, 1.2590

Square

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



58.4862, -28.5108, -11.5536



58.4862, 11.3530, -30.0971



58.4862, 27.5023, 14.8669



58.4862, -16.3165, 24.0048

Rectangle

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



58.4851, -28.5109, -11.5545



58.4862, -10.3026, -33.5638



58.4862, 27.5023, 14.8669



58.4862, 4.4188, 25.2830

Sweetspot

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



58.4862, -28.5108, -11.5536



87.2041, -23.4241, -3.9238



59.2781, -50.7067, 35.3711



40.5369, -11.9391, -2.3510



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



58.4862, -28.5108, -11.5536



78.6575, -38.2840, -15.6707



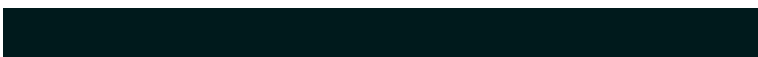
31.3732, 13.4408, -68.2245



31.8075, -3.9217, 0.7427



48.0114, -23.4350, -9.4207



9.1668, -4.5861, -1.5577

Inverse Universe

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



36.7903, 71.4119, -41.4428



49.5163, 96.1014, -55.6248



44.7264, 21.6328, 27.9375



30.2545, 2.2628, -0.8282



30.1817, 58.5991, -34.0784



5.6914, 11.0881, -6.7199

Previews

White Background



This preview shows how the HunterLab color 58.4851, -28.5109, -11.5545 looks on a white background.

Color Contrast Check

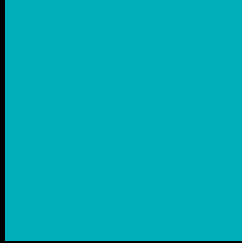
Large Text (above 18pt) WCAG AA × Fail

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 58.4851, -28.5109, -11.5545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

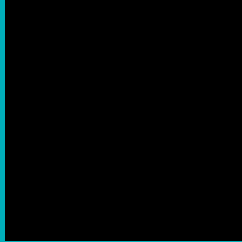
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

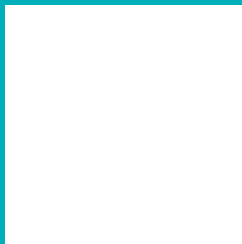
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.4851, -28.5109, -11.5545 Background



This preview shows how black text looks on a background with the HunterLab color 58.4851, -28.5109, -11.5545.



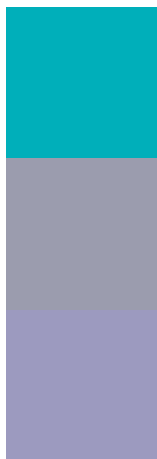
This preview shows how white text looks on a background with the HunterLab color 58.4851, -28.5109, -11.5545.

-28.5109, -11.5545.

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

58.4851, -28.5109, -11.5545

Protanopia

58.1390, -0.2846, -5.0171

Deuteranopia

58.2587, 4.2732, -14.1893



Tritanopia

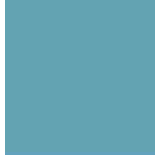
58.6892, -27.4943, -12.9543

Trichromacy



Original Color

58.4851, -28.5109, -11.5545



Protanomaly

56.6228, -16.2479, -9.4973



Deuteranomaly

56.7163, -13.4874, -15.6166



Tritanomaly

58.6134, -27.8635, -12.4966

Monochromacy



Original Color

58.4851, -28.5109, -11.5545



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

48.3878, -17.1215, -4.3066

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4851, -28.5109, -11.5545 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, 175, 186)` looks like.

```
.text, #text, p{  
  color:rgb(0, 175, 186)  
}
```

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, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4851, -28.5109, -11.5545 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, 175, 186) }
```


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

```
.border{ border-color:rgb(0, 175, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4851, -28.5109, -11.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 186) }
```

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

```
.background{ background-color: rgb(0, 175,  
186) }
```

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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