

Converting Colors

HunterLab(57.4039, -32.1358,
-14.3189)

Have a look what the booklet for
HunterLab(57.4039, -32.1358,
-14.3189) contains.

HunterLab(58.5583, -28.0784, -12.5796)	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(58.5583,
-28.0784, -12.5796)**

Conversions

Conversions Part 1

Format	Color
Hex	00AFBC
RGB	0, 175, 188
RGB Percent	0%, 69%, 74%
CMY	0.9999, 0.3137, 0.2627
CMYK	1.00, 0.07, 0.00, 0.26
HSL	184°, 100%, 37%
HSV	184°, 100%, 74%
XYZ	24.4070, 34.2907, 52.9093
YIQ	124.1570, -108.4730, -33.0570

Conversions

Conversions Part 2

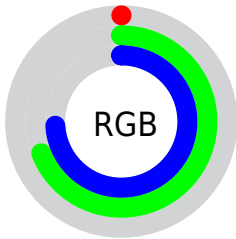
Format	Color
RYB	0, 91, 188
Decimal	44988
CIELab	65.19, -32.16, -17.25
CIELCh	65, 36.495, 208.205
Yxy	34.2920, 0.2187, 0.3072
Android (android.graphics.Color)	4278235068 (0xFF00AFBC)
YUV	124.1570, 31.4746, -108.8857
Hunter-Lab	58.5583, -28.0784, -12.5796

Details

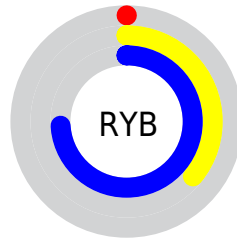
The HunterLab color **58.5583, -28.0784, -12.5796** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33.1366, 54.5080, 21.3709**, and the grayscale version is **44.8727, -2.3943, 2.4380**.

A 20% lighter version of the original color is **81.4818, -32.7077, -12.6418**, and **39.5833, -18.1660, -10.2604** is the 20% darker color. If you saturate the color by 10%, you get **58.5583, -28.0781, -12.5803**, and if you desaturate by 10%, it is **59.1076, -28.1600, -11.7955**.

Distribution



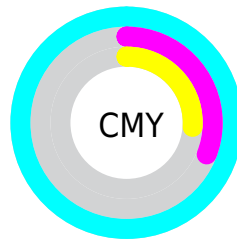
- Red (0%)
- Green (69%)
- Blue (74%)



- Red (0%)
- Yellow (36%)
- Blue (74%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5583, -28.0784, -12.5796 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 58.5583, -28.0784, -12.5796 by changing the saturation by 10% instead.

■ 58.5583, -28.0784,
-12.5796

■ 58.5583, -28.0784,
-12.5796

179.2853,
-47.6402, -11.7406

■ 48.0812, -25.6224,
-12.3927

■ 81.4785, -32.7312,
-12.7582

■ 38.3154, -23.0439,
-12.1370

■ 93.8498, -34.9637,
-12.7598

■ 29.3182, -20.2994,
-11.8096

■ 106.7906,
-37.1500, -12.7075

■ 21.1621, -17.3197,
-11.4143

■ 120.2769,
-39.2990, -12.6047

■ 13.9448, -13.9891,
-10.9771

■ 134.2876,
-41.4174, -12.4541

■ 7.5827, -13.2697,
-11.2542

148.8036,

0.0000, NaN, -NF

-43.5108, -12.2584

0.0000, NaN, NaN

163.8080,
-45.5839, -12.0199

0.0000, NaN, NaN

■ 58.5583, -28.0784,
-12.5796

■ 58.5583, -28.0784,
-12.5796

■ 58.5583, -28.0781,
-12.5803

■ 59.1076, -28.1600,
-11.7955

■ 59.7654, -27.8177,
-10.8590

■ 60.5686, -26.9153,
-9.7223

■ 61.5312, -25.4087,
-8.3742

■ 62.6620, -23.2783,
-6.8127

■ 63.9662, -20.5244,
-5.0431

■ 65.4456, -17.1637,
-3.0758

■ 67.0996, -13.2253,
-0.9251

■ 68.9256, -8.7472,
1.3921

Harmonies

Analogous

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



58.5594, -31.0681, 4.1063



58.5583, -28.0784, -12.5796



58.5594, -18.6206, -27.9216

Triad

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



58.5594, -28.0783, -12.5787



58.5594, 25.6997, -14.6285



58.5594, -2.1508, 25.7080

Complementary

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



58.5583, -28.0784, -12.5796



33.1366, 54.5080, 21.3709

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.



58.5594, 14.1647, 23.1603



58.5583, -28.0784, -12.5796



58.5594, 31.2885, 2.2536

Square

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



58.5594, -28.0783, -12.5787



58.5594, 12.2977, -29.3131



58.5594, 26.8572, 15.5103



58.5594, -17.1052, 23.7157

Rectangle

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



58.5583, -28.0784, -12.5796



58.5594, -9.3467, -33.7689



58.5594, 26.8572, 15.5103



58.5594, 3.3622, 25.3721

Sweetspot

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



58.5594, -28.0783, -12.5787



87.9971, -23.3569, -4.2823



59.9959, -51.2791, 35.7094



40.4064, -11.7534, -2.5158



97.7295, -5.2146, 5.3098



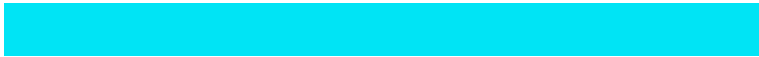
44.2712, -2.3622, 2.4053

Same Dimension

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



58.5594, -28.0783, -12.5787



78.7376, -37.6818, -17.0710



30.9659, 15.3085, -71.7470



32.7009, -4.0024, 0.7303



48.3646, -23.2252, -10.3149



9.7492, -4.8141, -1.7934

Inverse Universe

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



37.1316, 71.9189, -40.6228



49.9708, 96.7712, -54.4897



45.9494, 20.3985, 28.6695



31.1201, 2.3289, -0.8233



30.6448, 59.3713, -33.6163



6.0935, 11.8495, -7.0250

Previews

White Background



This preview shows how the HunterLab color 58.5583, -28.0784, -12.5796 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 58.5583, -28.0784, -12.5796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

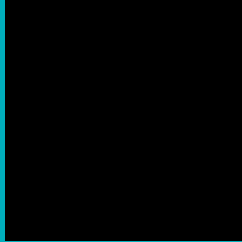
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

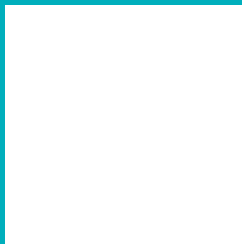
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.5583, -28.0784, -12.5796 Background



This preview shows how black text looks on a background with the HunterLab color 58.5583, -28.0784, -12.5796.



This preview shows how white text looks on a background with the HunterLab color 58.5583, -28.0784, -12.5796.

-28.0784, -12.5796.

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

58.5583, -28.0784, -12.5796

Protanopia

58.2066, 0.0820, -5.9707

Deuteranopia

58.2495, 4.3946, -15.3833



Tritanopia

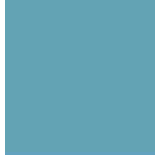
58.6560, -27.6238, -13.0046

Trichromacy



Original Color

58.5583, -28.0784, -12.5796



Protanomaly

56.6942, -15.8402, -10.4997



Deuteranomaly

56.7934, -13.0514, -16.6896



Tritanomaly

58.6338, -27.7101, -13.0381

Monochromacy



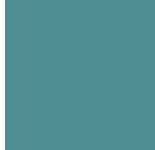
Original Color

58.5583, -28.0784, -12.5796



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 58.5583, -28.0784, -12.5796 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5583, -28.0784, -12.5796 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, 188) }
```


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

```
.border{ border-color:rgb(0, 175, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5583, -28.0784, -12.5796 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, 188) }
```

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

```
.background{ background-color: rgb(0, 175,  
188) }
```

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