

Converting Colors

HunterLab(56.2809, -29.4252,
0.1190)

Have a look what the booklet for
HunterLab(56.2809, -29.4252,
0.1190) contains.

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Color

**HunterLab(56.1679,
-29.2532, -0.0475)**

Conversions

Conversions Part 1

Format	Color
Hex	33A99E
RGB	51, 169, 158
RGB Percent	20%, 66%, 62%
CMY	0.8000, 0.3372, 0.3804
CMYK	0.70, 0.00, 0.07, 0.34
HSL	174°, 54%, 43%
HSV	174°, 70%, 66%
XYZ	21.7247, 31.5483, 37.2921
YIQ	132.4640, -66.7970, -28.4370

Conversions

Conversions Part 2

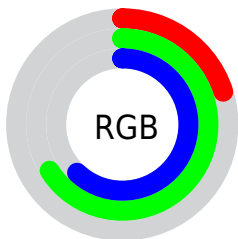
Format	Color
RYB	51, 113, 169
Decimal	3385758
CIELab	62.97, -34.67, -3.78
CIELCh	63, 34.875, 186.221
Yxy	31.5495, 0.2399, 0.3484
Android (android.graphics.Color)	4281575838 (0xFF33A99E)
YUV	132.4640, 12.5892, -71.4439
Hunter-Lab	56.1679, -29.2532, -0.0475

Details

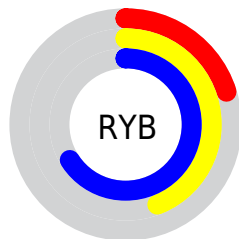
The HunterLab color **56.1679, -29.2532, -0.0475** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33.3937, 40.0034, 13.1837**, and the grayscale version is **48.1908, -2.5713, 2.6183**.

A 20% lighter version of the original color is **78.8872, -34.2504, 0.6978**, and **36.8135, -21.2733, -0.0908** is the 20% darker color. If you saturate the color by 10%, you get **55.7974, -30.8217, 0.2202**, and if you desaturate by 10%, it is **56.6796, -27.1525, -0.1364**.

Distribution



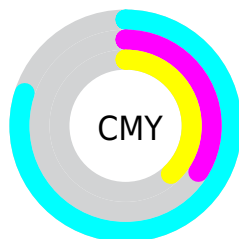
- Red (20%)
- Green (66%)
- Blue (62%)



- Red (20%)
- Yellow (44%)
- Blue (66%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (80%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1679, -29.2532, -0.0475 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 56.1679, -29.2532, -0.0475 by changing the saturation by 10% instead.

■ 56.1679, -29.2532,
-0.0475

■ 56.1679, -29.2532,
-0.0475

175.8016,
-49.9881, 5.0948

■ 45.8450, -26.6109,
-0.4171

■ 78.8062, -34.2297,
0.8338

■ 36.2449, -23.8223,
-0.7347

■ 91.0472, -36.6055,
1.3370

■ 27.4279, -20.8348,
-0.9929

■ 103.8635,
-38.9259, 1.8786

■ 19.4710, -17.5635,
-1.1829

■ 117.2304,
-41.2010, 2.4563

■ 12.4798, -14.4267,
-1.2915

■ 131.1261,
-43.4389, 3.0683

■ 5.7329, -10.0327,
-2.4206

145.5312,

0.0000, NaN, NaN

-45.6460, 3.7130

0.0000, NaN, NaN

160.4283,
-47.8276, 4.3889

0.0000, NaN, NaN

■ 56.1679, -29.2532,
-0.0475

■ 56.1679, -29.2532,
-0.0475

■ 55.7974, -30.8217,
0.2202

■ 56.6796, -27.1525,
-0.1364

■ 55.5513, -31.8989,
0.6452

■ 57.3391, -24.4978,
-0.0352

■ 55.3966, -32.6134,
1.1819

■ 58.1543, -21.2857,
0.2647

■ 55.3940, -32.6257,
1.1918

■ 59.1291, -17.5277,
0.7661

■ 60.2651, -13.2479,
1.4673

■ 61.5619, -8.4795,
2.3627

■ 63.0173, -3.2629,
3.4435

■ 64.6277, 2.3577,
4.6986

■ 66.3884, 8.3365,
6.1155

Harmonies

Analogous

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



56.1690, -27.3700, 13.1718



56.1679, -29.2532, -0.0475



56.1690, -24.7309, -16.0253

Triad

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



56.1690, -29.2535, -0.0468



56.1690, 15.3773, -24.3864



56.1690, 9.3048, 23.0461

Complementary

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



56.1679, -29.2532, -0.0475



33.3937, 40.0034, 13.1837

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.



56.1690, 22.6372, 17.1560



56.1679, -29.2532, -0.0475



56.1690, 26.3962, -9.3776

Square

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



56.1690, -29.2535, -0.0468



56.1690, 0.2096, -32.2942



56.1690, 29.1850, 5.9940



56.1690, -6.1392, 24.3025

Rectangle

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



56.1679, -29.2532, -0.0475



56.1690, -18.3754, -25.3835



56.1690, 29.1850, 5.9940



56.1690, 14.2307, 21.6366

Sweetspot

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



56.1690, -29.2535, -0.0468



80.3982, -18.6645, 1.8003



54.4668, -40.1821, 29.4486



37.3423, -9.4344, 0.7184



92.0917, -4.9138, 5.0035



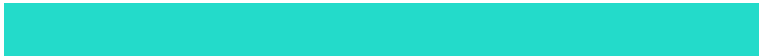
39.3538, -2.0998, 2.1382

Same Dimension

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



56.1690, -29.2535, -0.0468



74.4639, -42.1418, 0.5941



41.7608, -6.9884, -27.6833



29.1887, -3.8883, 1.1442



47.8255, -28.1390, 0.9662



7.4824, -4.2539, -0.1695

Inverse Universe

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



33.3937, 40.0034, 13.1837



40.6991, 62.6901, 21.3979



41.7710, 18.1243, 21.6098



27.4832, 0.9958, 1.9967



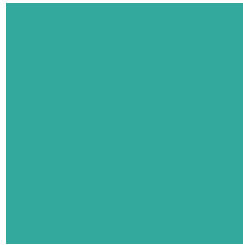
25.1351, 43.1684, 15.2814



3.9639, 6.8934, 1.7462

Previews

White Background



This preview shows how the HunterLab color 56.1679, -29.2532, -0.0475 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 56.1679, -29.2532, -0.0475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

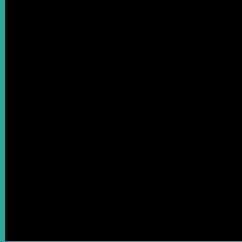
Any Text WCAG AA ✓ Pass

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 56.1679, -29.2532, -0.0475 Background



This preview shows how black text looks on a background with the HunterLab color 56.1679, -29.2532, -0.0475.



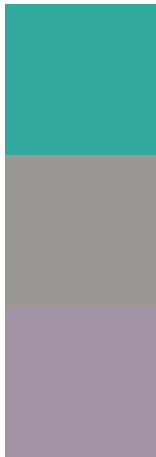
This preview shows how white text looks on a background with the HunterLab color 56.1679,

-29.2532, -0.0475.

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**

56.1679, -29.2532, -0.0475

Protanopia

55.8644, -2.3830, 5.0853

Deuteranopia

55.7574, 4.0442, -2.4174



Tritanopia

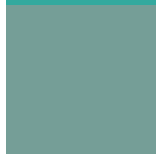
56.1995, -22.6836, -10.7603

Trichromacy



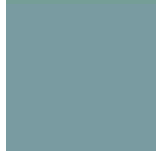
Original Color

56.1679, -29.2532, -0.0475



Protanomaly

55.1996, -15.2749, 2.2986



Deuteranomaly

54.8460, -11.2331, -2.8511



Tritanomaly

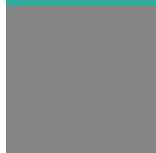
56.1316, -25.1753, -6.5487

Monochromacy



Original Color

56.1679, -29.2532, -0.0475



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

50.0574, -14.4044, 0.7459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1679, -29.2532, -0.0475 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(51, 169, 158)` looks like.

```
.text, #text, p{  
    color:rgb(51, 169, 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(51, 169, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 169, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1679, -29.2532, -0.0475 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(51, 169, 158) }
```


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

```
.border{ border-color:rgb(51, 169, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 169, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 169, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 169, 158);  
box-shadow:4px 4px 4px 4px rgb(51, 169,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1679, -29.2532, -0.0475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 169, 158) }
```

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

```
.background{ background-color: rgb(51, 169,  
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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