

Converting Colors

HunterLab(56.8795, -29.5535,
11.6934)

Have a look what the booklet for
HunterLab(56.8795, -29.5535,
11.6934) contains.

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Color

**HunterLab(56.8741,
-29.5853, 11.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	55AA84
RGB	85, 170, 132
RGB Percent	33%, 67%, 52%
CMY	0.6667, 0.3333, 0.4823
CMYK	0.50, 0.00, 0.22, 0.33
HSL	153°, 33%, 50%
HSV	153°, 50%, 67%
XYZ	22.2858, 32.3466, 26.8987
YIQ	140.2530, -38.4620, -29.8380

Conversions

Conversions Part 2

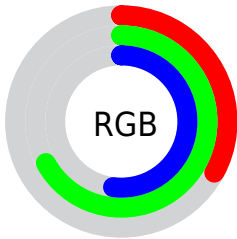
Format	Color
RYB	85, 140, 170
Decimal	5614212
CIELab	63.63, -34.91, 11.80
CIElCh	64, 36.847, 161.326
Yxy	32.3479, 0.2733, 0.3967
Android (android.graphics.Color)	4283804292 (0xFF55AA84)
YUV	140.2530, -4.0687, -48.4569
Hunter-Lab	56.8741, -29.5853, 11.7706

Details

The HunterLab color **56.8741, -29.5853, 11.7706** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **40.5880, 31.8907, -1.8067**, and the grayscale version is **51.3391, -2.7393, 2.7894**.

A 20% lighter version of the original color is **79.6687, -34.6339, 14.3268**, and **36.8122, -24.1254, 9.4043** is the 20% darker color. If you saturate the color by 10%, you get **56.0758, -33.1230, 13.6712**, and if you desaturate by 10%, it is **57.8422, -25.4342, 9.9224**.

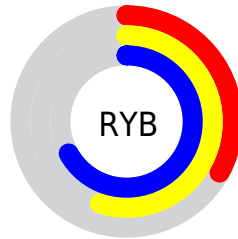
Distribution



Red (33%)

Green (67%)

Blue (52%)



Red (33%)

Yellow (55%)

Blue (67%)

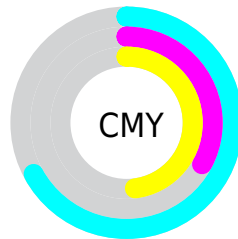


Cyan (50%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (67%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.8741, -29.5853, 11.7706 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 56.8741, -29.5853, 11.7706 by changing the saturation by 10% instead.

■ 56.8741, -29.5853,
11.7706

■ 56.8741, -29.5853,
11.7706

176.8336,
-50.3960, 22.8908

■ 46.5053, -26.9363,
10.5412

■ 79.5966, -34.5783,
14.2097

■ 36.8556, -24.1418,
9.2931

■ 91.8763, -36.9626,
15.4285

■ 27.9848, -21.1509,
8.0130

■ 104.7297,
-39.2915, 16.6515

■ 19.9682, -17.8807,
6.6778

■ 118.1322,
-41.5752, 17.8808

■ 12.9092, -14.5437,
5.2791

132.0622,
-43.8216, 19.1183

■ 6.3388, -11.0928,
4.4371

146.5003,

0.0000, NaN, NaN

-46.0372, 20.3652

0.0000, NaN, NaN

161.4293,
-48.2273, 21.6224

0.0000, NaN, NaN

■ 56.8741, -29.5853,
11.7706

■ 56.8741, -29.5853,
11.7706

■ 56.0758, -33.1230,
13.6712

■ 57.8422, -25.4342,
9.9224

■ 55.4383, -36.0349,
15.5968

■ 58.9793, -20.6946,
8.1477

■ 54.9537, -38.3314,
17.5205

■ 60.2868, -15.4066,
6.4666

■ 54.6087, -40.0465,
19.4133

■ 61.7626, -9.6182,
4.8950

■ 54.3679, -41.3139,
21.2298

■ 63.4030, -3.3829,
3.4448

■ 54.3679, -41.3140,
21.2298

■ 65.2030, 3.2445,
2.1242

■ 67.1565, 10.2096,
0.9380

■ 69.2567, 17.4611,
-0.1123

■ 71.4966, 24.9516,
-1.0275

Harmonies

Analogous

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



56.8752, -22.1388, 21.1225



56.8741, -29.5853, 11.7706



56.8752, -30.4145, -3.0214

Triad

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



56.8752, -29.5860, 11.7712



56.8752, 3.1951, -34.1883



56.8752, 22.2319, 19.3620

Complementary

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



56.8741, -29.5853, 11.7706



40.5880, 31.8907, -1.8067

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.



56.8752, 30.7540, 8.6011



56.8741, -29.5853, 11.7706



56.8752, 18.9728, -23.8796

Square

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



56.8752, -29.5860, 11.7712



56.8752, -12.6499, -32.6347



56.8752, 29.4988, -7.2062



56.8752, 7.2584, 24.5849

Rectangle

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



56.8741, -29.5853, 11.7706



56.8752, -27.2243, -14.5184



56.8752, 29.4988, -7.2062



56.8752, 26.0177, 16.4208

Sweetspot

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



56.8752, -29.5860, 11.7712



82.1162, -17.1458, 7.6900



57.9966, -26.9519, 26.4790



38.5885, -8.8430, 3.8382



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.8752, -29.5860, 11.7712



75.4285, -45.0834, 18.6959



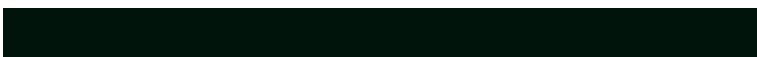
56.5831, -21.4355, -5.3601



29.1111, -4.3203, 2.2518



46.6415, -35.3580, 18.0301



7.3441, -5.0913, 1.8111

Inverse Universe

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



40.5880, 31.8907, -1.8067



49.7529, 52.8329, -1.9288



40.4834, 25.3250, 12.8016



27.5608, 1.4135, 0.8897



25.8483, 45.7934, 4.8633



4.1586, 7.6023, -1.0383

Previews

White Background



This preview shows how the HunterLab color 56.8741, -29.5853, 11.7706 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 56.8741, -29.5853, 11.7706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

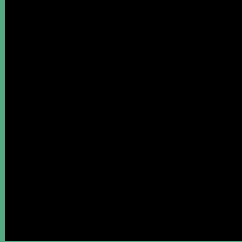
Any Text WCAG AA ✓ Pass

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 56.8741, -29.5853, 11.7706 Background



This preview shows how black text looks on a background with the HunterLab color 56.8741, -29.5853, 11.7706.



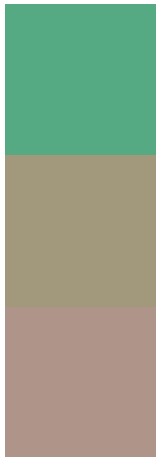
This preview shows how white text looks on a background with the HunterLab color 56.8741, -29.5853, 11.7706.

-29.5853, 11.7706.

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

56.8741, -29.5853, 11.7706

Protanopia

56.4970, -4.3083, 14.7263

Deuteranopia

56.5549, 3.7980, 10.1039



Tritanopia

56.8524, -17.0796, -8.6453

Trichromacy



Original Color

56.8741, -29.5853, 11.7706



Protanomaly

56.0329, -15.0389, 13.0182



Deuteranomaly

55.9258, -10.3627, 9.9793



Tritanomaly

56.7211, -21.8983, -0.6774

Monochromacy



Original Color

56.8741, -29.5853, 11.7706



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

52.8511, -13.7023, 5.7765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8741, -29.5853, 11.7706 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(85, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(85, 170, 132)  
}
```

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(85, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 170, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8741, -29.5853, 11.7706 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(85, 170, 132) }
```


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

```
.border{ border-color:rgb(85, 170, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 170, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(85, 170,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.8741, -29.5853, 11.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 170, 132) }
```

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

```
.background{ background-color: rgb(85, 170,  
132) }
```

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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