

Converting Colors

HunterLab(56.3907, -32.9421,
10.8482)

Have a look what the booklet for
HunterLab(56.3907, -32.9421,
10.8482) contains.

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Color

**HunterLab(56.4300,
-33.0109, 10.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	3EAB85
RGB	62, 171, 133
RGB Percent	24%, 67%, 52%
CMY	0.7568, 0.3294, 0.4784
CMYK	0.64, 0.00, 0.22, 0.33
HSL	159°, 47%, 46%
HSV	159°, 64%, 67%
XYZ	20.7832, 31.8434, 27.2413
YIQ	134.0770, -52.7660, -34.9260

Conversions

Conversions Part 2

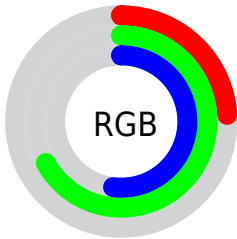
Format	Color
RYB	62, 128, 171
Decimal	4107141
CIELab	63.21, -40.21, 10.55
CIELCh	63, 41.571, 165.296
Yxy	31.8447, 0.2602, 0.3987
Android (android.graphics.Color)	4282297221 (0xFF3EAB85)
YUV	134.0770, -0.5310, -63.2115
Hunter-Lab	56.4300, -33.0109, 10.8790

Details

The HunterLab color **56.4300, -33.0109, 10.8790** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **36.0889, 39.8155, 3.1252**, and the grayscale version is **48.8747, -2.6078, 2.6555**.

A 20% lighter version of the original color is **79.0875, -38.6052, 13.2317**, and **36.8530, -25.5515, 9.0953** is the 20% darker color. If you saturate the color by 10%, you get **55.8713, -35.5559, 12.4835**, and if you desaturate by 10%, it is **57.1460, -29.8685, 9.3623**.

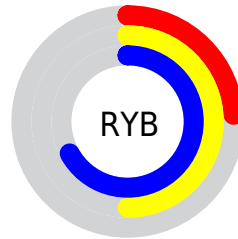
Distribution



Red (24%)

Green (67%)

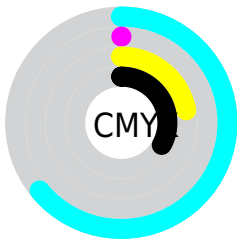
Blue (52%)



Red (24%)

Yellow (50%)

Blue (67%)

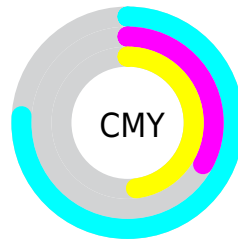


Cyan (64%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (76%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4300, -33.0109, 10.8790 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 56.4300, -33.0109, 10.8790 by changing the saturation by 10% instead.

■ 56.4300, -33.0109,
10.8790

■ 56.4300, -33.0109,
10.8790

176.1849,
-56.1712, 21.4898

■ 46.0900, -30.0091,
9.7240

■ 79.0997, -38.6313,
13.1841

■ 36.4715, -26.8270,
8.5569

■ 91.3550, -41.2997,
14.3417

■ 27.6344, -23.4025,
7.3661

■ 104.1851,
-43.8969, 15.5065

■ 19.6553, -19.6359,
6.1317

■ 117.5653,
-46.4354, 16.6805

■ 12.6388, -16.3434,
4.8355

■ 131.4737,
-48.9249, 17.8649

■ 5.9653, -10.4393,
4.1757

145.8911,

0.0000, NaN, NaN

-51.3733, 19.0608

0.0000, NaN, NaN

160.8001,
-53.7870, 20.2689

0.0000, NaN, NaN

■ 56.4300, -33.0109,
10.8790

■ 56.4300, -33.0109,
10.8790

■ 55.8713, -35.5559,
12.4835

■ 57.1460, -29.8685,
9.3623

■ 55.4558, -37.5229,
14.1481

■ 58.0232, -26.1269,
7.9542

■ 55.1694, -38.9585,
15.8443

■ 59.0666, -21.8038,
6.6742

■ 55.0301, -39.6877,
16.8915

■ 60.2777, -16.9300,
5.5373

■ 61.6558, -11.5463,
4.5546

■ 63.1982, -5.7006,
3.7327

■ 64.9007, 0.5560,
3.0748

■ 66.7580, 7.1715,
2.5808

■ 68.7640, 14.0955,
2.2477

Harmonies

Analogous

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



56.4311, -25.7800, 21.8193



56.4300, -33.0109, 10.8790



56.4311, -32.9385, -6.4277

Triad

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



56.4311, -33.0114, 10.8796



56.4311, 6.5108, -39.3578



56.4311, 23.7517, 21.9692

Complementary

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



56.4300, -33.0109, 10.8790



36.0889, 39.8155, 3.1252

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.



56.4311, 34.8329, 11.1617



56.4300, -33.0109, 10.8790



56.4311, 24.0536, -25.6964

Square

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



56.4311, -33.0114, 10.8796



56.4311, -11.6185, -39.5070



56.4311, 34.9499, -6.0408



56.4311, 6.1390, 26.7045

Rectangle

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



56.4300, -33.0109, 10.8790



56.4311, -28.8130, -19.7279



56.4311, 34.9499, -6.0408



56.4311, 28.4572, 19.1105

Sweetspot

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



56.4311, -33.0114, 10.8796



81.4510, -19.5628, 6.8048



56.7388, -34.1532, 29.6014



38.2270, -10.1690, 3.3920



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.



56.4311, -33.0114, 10.8796



74.5474, -48.6171, 17.5009



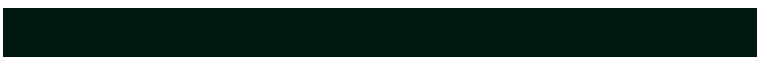
52.2418, -19.6651, -11.8810



30.0399, -4.3441, 2.0103



47.7895, -34.3923, 14.5104



8.0321, -5.3611, 1.5336

Inverse Universe

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



36.0889, 39.8155, 3.1252



43.8690, 62.7475, 7.4021



38.0857, 29.0281, 16.8809



28.3897, 1.3488, 1.2380



26.0362, 45.5558, 9.3204



4.4621, 8.0344, -0.1628

Previews

White Background



This preview shows how the HunterLab color 56.4300, -33.0109, 10.8790 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 56.4300, -33.0109, 10.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

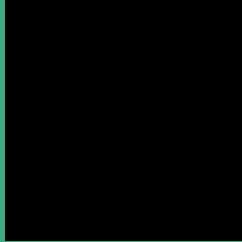
Any Text WCAG AA ✓ Pass

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 56.4300, -33.0109, 10.8790 Background



This preview shows how black text looks on a background with the HunterLab color 56.4300, -33.0109, 10.8790.



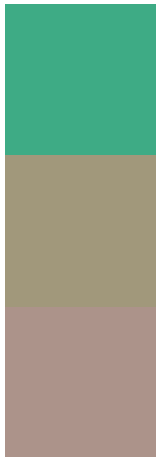
This preview shows how white text looks on a background with the HunterLab color 56.4300,

-33.0109, 10.8790.

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

56.4300, -33.0109, 10.8790

Protanopia

56.0924, -4.2812, 14.6818

Deuteranopia

56.1009, 3.7496, 9.2231



Tritanopia

56.3799, -20.4150, -9.9099

Trichromacy



Original Color

56.4300, -33.0109, 10.8790



Protanomaly

55.3973, -17.4013, 12.3413



Deuteranomaly

55.1906, -12.9844, 8.7582



Tritanomaly

56.2695, -25.2311, -1.7860

Monochromacy



Original Color

56.4300, -33.0109, 10.8790



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

50.7709, -15.2946, 4.6783

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4300, -33.0109, 10.8790 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(62, 171, 133)` looks like.

```
.text, #text, p{  
    color:rgb(62, 171, 133)  
}
```

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(62, 171, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 171, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4300, -33.0109, 10.8790 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(62, 171, 133) }
```


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

```
.border{ border-color:rgb(62, 171, 133) }
```

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

Here you see how a box with a 4 pixel rgb(62, 171, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 171, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 171, 133);  
box-shadow:4px 4px 4px 4px rgb(62, 171,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4300, -33.0109, 10.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 171, 133) }
```

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

```
.background{ background-color: rgb(62, 171,  
133) }
```

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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