

Converting Colors

HunterLab(63.0456, -33.2511,
10.5851)

Have a look what the booklet for
HunterLab(63.0456, -33.2511,
10.5851) contains.

HunterLab(63.0503, -33.3500, 10.7355)	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(63.0503,
-33.3500, 10.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	56BB97
RGB	86, 187, 151
RGB Percent	34%, 73%, 59%
CMY	0.6627, 0.2667, 0.4078
CMYK	0.54, 0.00, 0.19, 0.27
HSL	159°, 43%, 54%
HSV	159°, 54%, 73%
XYZ	27.1939, 39.7534, 35.5180
YIQ	152.6970, -48.6400, -32.6080

Conversions

Conversions Part 2

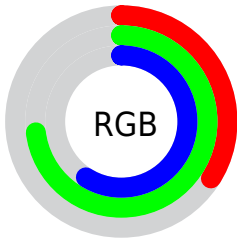
Format	Color
RYB	86, 147, 187
Decimal	5684119
CIELab	69.29, -38.18, 9.38
CIElCh	69, 39.312, 166.193
Yxy	39.7550, 0.2654, 0.3880
Android (android.graphics.Color)	4283874199 (0xFF56BB97)
YUV	152.6970, -0.8366, -58.4933
Hunter-Lab	63.0503, -33.3500, 10.7355

Details

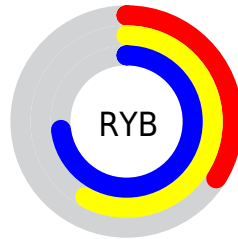
The HunterLab color **63.0503, -33.3500, 10.7355** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **43.1584, 37.5303, 1.9546**, and the grayscale version is **56.3357, -3.0059, 3.0608**.

A 20% lighter version of the original color is **86.5730, -38.7243, 13.1123**, and **42.2182, -27.6388, 8.5989** is the 20% darker color. If you saturate the color by 10%, you get **62.2655, -36.8191, 12.4702**, and if you desaturate by 10%, it is **64.0191, -29.2097, 9.1176**.

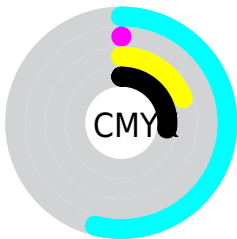
Distribution



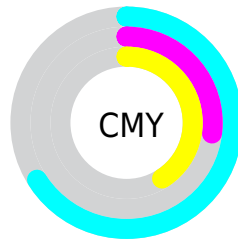
- Red (34%)
- Green (73%)
- Blue (59%)



- Red (34%)
- Yellow (58%)
- Blue (73%)



- Cyan (54%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0503, -33.3500, 10.7355 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 63.0503, -33.3500, 10.7355 by changing the saturation by 10% instead.

■ 63.0503, -33.3500,
10.7355

■ 63.0503, -33.3500,
10.7355

185.7659,
-55.3209, 20.9371

■ 52.2949, -30.5638,
9.6500

■ 86.4814, -38.6168,
12.9237

■ 42.2308, -27.6356,
8.5627

■ 99.0893, -41.1355,
14.0305

■ 32.9108, -24.5203,
7.4670

■ 112.2566,
-43.5964, 15.1485

■ 24.3997, -21.1479,
6.3506

■ 125.9604,
-46.0093, 16.2788

■ 16.7833, -17.4032,
5.1921

140.1805,
-48.3823, 17.4223

■ 10.1825, -17.0119,
4.4235

154.8987,

0.0000, NaN, NaN

-50.7219, 18.5795

0.0000, NaN, NaN

170.0988,
-53.0333, 19.7510

0.0000, NaN, NaN

■ 63.0503, -33.3500,
10.7355

■ 63.0503, -33.3500,
10.7355

■ 62.2655, -36.8191,
12.4702

■ 64.0191, -29.2097,
9.1176

■ 61.6527, -39.6162,
14.2936

■ 65.1730, -24.4147,
7.6367

■ 61.2008, -41.7672,
16.1767

■ 66.5148, -19.0000,
6.3109

■ 60.8920, -43.3267,
18.0863

■ 68.0438, -13.0119,
5.1534

■ 60.7507, -44.0754,
19.2131

■ 69.7571, -6.5041,
4.1727

■ 71.6499, 0.4653,
3.3729

■ 73.7162, 7.8377,
2.7545

■ 75.9492, 15.5560,
2.3147

■ 78.3411, 23.5666,
2.0482

Harmonies

Analogous

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



63.0516, -26.2700, 22.1052



63.0503, -33.3500, 10.7355



63.0516, -33.0534, -6.3664

Triad

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



63.0516, -33.3507, 10.7362



63.0516, 6.4898, -36.6521



63.0516, 22.1882, 22.7371

Complementary

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



63.0503, -33.3500, 10.7355



43.1584, 37.5303, 1.9546

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.



63.0516, 33.0859, 11.8733



63.0503, -33.3500, 10.7355



63.0516, 23.3566, -23.6040

Square

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



63.0516, -33.3507, 10.7362



63.0516, -11.3501, -37.2088



63.0516, 33.5358, -4.8661



63.0516, 5.0328, 27.6148

Rectangle

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



63.0503, -33.3500, 10.7355



63.0516, -28.7401, -19.0464



63.0516, 33.5358, -4.8661



63.0516, 26.7845, 19.8251

Sweetspot

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



63.0516, -33.3507, 10.7362



90.5782, -19.2784, 7.2246



63.5827, -33.7179, 30.3788



42.3033, -9.8364, 3.5367



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.



63.0516, -33.3507, 10.7362



83.1414, -50.1096, 17.1778



59.7159, -21.2410, -10.2554



32.7875, -4.7863, 2.2273



50.4402, -36.4985, 15.7440



10.0430, -6.8552, 2.2455

Inverse Universe

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



43.1584, 37.5303, 1.9546



52.2548, 61.3736, 4.7192



45.0000, 27.0829, 16.6023



30.9694, 1.5210, 1.3186



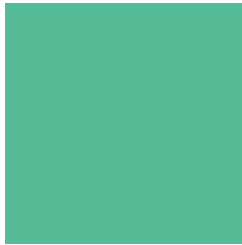
27.5105, 48.1630, 9.6332



5.5595, 9.9516, 0.2534

Previews

White Background



This preview shows how the HunterLab color 63.0503, -33.3500, 10.7355 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 63.0503, -33.3500, 10.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

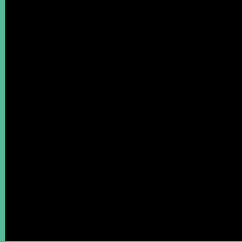
Any Text WCAG AA ✓ Pass

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 63.0503, -33.3500, 10.7355 Background



This preview shows how black text looks on a background with the HunterLab color 63.0503, -33.3500, 10.7355.



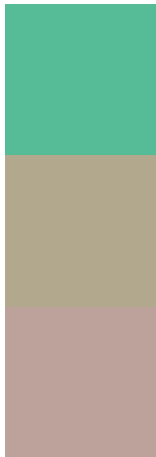
This preview shows how white text looks on a background with the HunterLab color 63.0503,

-33.3500, 10.7355.

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

63.0503, -33.3500, 10.7355

Protanopia

62.6701, -4.4534, 14.6989

Deuteranopia

62.4978, 4.6082, 8.7534



Tritanopia

63.0417, -20.4435, -10.6285

Trichromacy



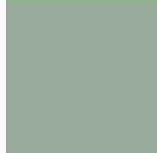
Original Color

63.0503, -33.3500, 10.7355



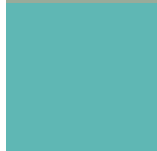
Protanomaly

62.1559, -17.0403, 12.4490



Deuteranomaly

61.7530, -11.6837, 8.4949



Tritanomaly

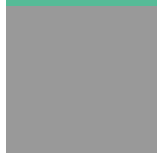
62.9247, -25.3256, -2.3553

Monochromacy



Original Color

63.0503, -33.3500, 10.7355



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

58.1759, -15.3564, 5.3043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0503, -33.3500, 10.7355 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(86, 187, 151)` looks like.

```
.text, #text, p{  
    color:rgb(86, 187, 151)  
}
```

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(86, 187, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 187, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0503, -33.3500, 10.7355 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(86, 187, 151) }
```


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

```
.border{ border-color:rgb(86, 187, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 187, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 187, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 187, 151);  
box-shadow:4px 4px 4px 4px rgb(86, 187,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0503, -33.3500, 10.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 187, 151) }
```

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

```
.background{ background-color: rgb(86, 187,  
151) }
```

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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