

Converting Colors

HunterLab(33.0437, -6.2794,
-5.8334)

Have a look what the booklet for
HunterLab(33.0437, -6.2794,
-5.8334) contains.

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Color

**HunterLab(33.0993, -6.3635,
-5.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	46616D
RGB	70, 97, 109
RGB Percent	27%, 38%, 43%
CMY	0.7255, 0.6196, 0.5725
CMYK	0.36, 0.11, 0.00, 0.57
HSL	198°, 22%, 35%
HSV	198°, 36%, 43%
XYZ	9.5608, 10.9556, 16.0788
YIQ	90.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

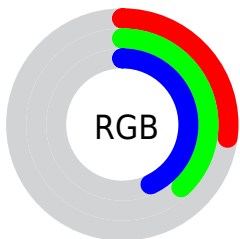
Format	Color
R_{YB}	70, 86, 109
Decimal	4612461
CIE _{Lab}	39.51, -6.71, -10.01
CIE _{LCh}	40, 12.055, 236.158
Yxy	10.9561, 0.2613, 0.2994
Android (android.graphics.Color)	4282802541 (0xFF46616D)
YUV	90.2950, 9.2216, -17.7987
Hunter-Lab	33.0993, -6.3635, -5.6320

Details

The HunterLab color **33.0993, -6.3635, -5.6320** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31.1900, 5.1063, 8.2933**, and the grayscale version is **32.0571, -1.7105, 1.7417**.

A 20% lighter version of the original color is **52.6412, -8.4324, -5.1687**, and **17.0224, -4.5523, -5.4644** is the 20% darker color. If you saturate the color by 10%, you get **31.5913, -7.0224, -7.8103**, and if you desaturate by 10%, it is **34.6870, -5.4511, -3.4518**.

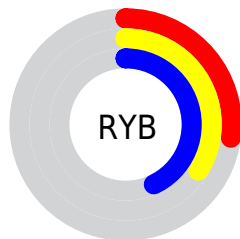
Distribution



Red (27%)

Green (38%)

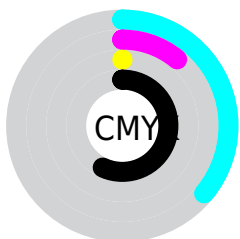
Blue (43%)



Red (27%)

Yellow (34%)

Blue (43%)

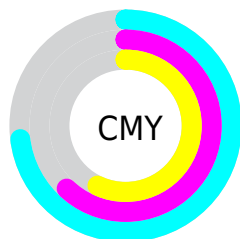


Cyan (36%)

Magenta (11%)

Yellow (0%)

Black (57%)



Cyan (73%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0993, -6.3635, -5.6320 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 33.0993, -6.3635, -5.6320 by changing the saturation by 10% instead.

■ 33.0993, -6.3635,
-5.6320

■ 33.0993, -6.3635,
-5.6320

140.4870,
-15.0759, -3.6512

■ 24.5709, -5.4479,
-5.5433

■ 52.5156, -8.2056,
-5.5810

■ 16.9345, -4.5220,
-5.3676

■ 63.2865, -9.1414,
-5.4577

■ 10.3107, -3.5637,
-5.0990

■ 74.7071, -10.0906,
-5.2770

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.7423, -11.0548,
-5.0435

0.0000, NaN, NaN

■ 99.3624, -12.0349,
-4.7612

0.0000, NaN, NaN

112.5412,

0.0000, NaN, NaN

-13.0316, -4.4332

0.0000, NaN, NaN

126.2562,
-14.0452, -4.0624

■ 33.0993, -6.3635,
-5.6320

■ 33.0993, -6.3635,
-5.6320

■ 31.5913, -7.0224,
-7.8103

■ 34.6870, -5.4511,
-3.4518

■ 30.1655, -7.4042,
-9.9789

■ 36.3476, -4.3072,
-1.2787

■ 28.8269, -7.4886,
-12.1257

■ 38.0771, -2.9548,
0.8827

■ 27.5788, -7.2597,
-14.2376

■ 39.8709, -1.4149,
3.0286

■ 26.4227, -6.7100,
-16.3012

■ 41.7248, 0.2932,
5.1568

■ 25.3473, -5.8831,
-18.3268

■ 43.6348, 2.1519,
7.2661

■ 24.8989, -5.5196,
-19.2063

■ 45.5971, 4.1457,
9.3563

■ 47.6084, 6.2608,
11.4275

■ 49.6656, 8.4850,
13.4804

Harmonies

Analogous

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



33.1000, -9.0478, -1.9595



33.0993, -6.3635, -5.6320



33.1000, -2.3347, -7.3102

Triad

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



33.1000, -6.3638, -5.6314



33.1000, 7.1346, 1.2561



33.1000, -5.4276, 8.2611

Complementary

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



33.0993, -6.3635, -5.6320



31.1900, 5.1063, 8.2933

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.



33.1000, -1.1972, 8.8884



33.0993, -6.3635, -5.6320



33.1000, 6.2011, 5.1676

Square

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



33.1000, -6.3638, -5.6314



33.1000, 5.5818, -3.0181



33.1000, 3.0933, 7.8314



33.1000, -8.5275, 5.9906

Rectangle

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



33.0993, -6.3635, -5.6320



33.1000, 0.6277, -6.9306



33.1000, 3.0933, 7.8314



33.1000, -4.0973, 8.6572

Sweetspot

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



33.1000, -6.3638, -5.6314



49.6626, -4.9869, -0.4150



35.8389, -15.3707, 8.7069



23.8504, -2.4882, -0.3340



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.1000, -6.3638, -5.6314



42.5866, -9.2812, -9.9894



27.9767, 2.0616, -13.3867



18.2826, -1.6587, 0.0974



26.8469, -5.8484, -20.9313



59.2757, -11.1973, -49.9177

Inverse Universe

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



29.1461, 14.2479, -4.7976



36.3574, 24.2430, -8.2190



36.1108, -3.4537, 12.6766



17.7449, 0.9333, 0.1341



20.9761, 38.7694, -8.5164



47.1797, 86.9066, -16.8765

Previews

White Background



This preview shows how the HunterLab color 33.0993, -6.3635, -5.6320 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 33.0993, -6.3635, -5.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

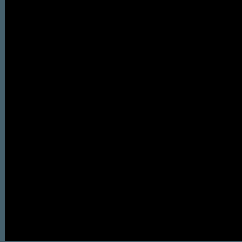
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

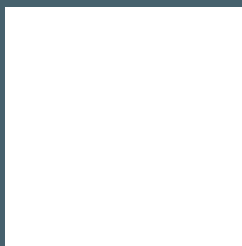
Any Text WCAG AAA × Fail

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

HunterLab 33.0993, -6.3635, -5.6320 Background



This preview shows how black text looks on a background with the HunterLab color 33.0993, -6.3635, -5.6320.



This preview shows how white text looks on a background with the HunterLab color 33.0993, -6.3635, -5.6320.

-5.6320.

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

33.0993, -6.3635, -5.6320

Protanopia

33.0440, 0.2058, -4.1010

Deuteranopia

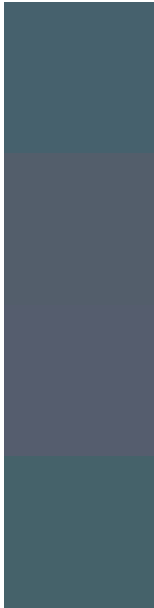
33.0683, 1.8842, -6.0399



Tritanopia

33.1971, -7.7035, -3.5481

Trichromacy



Original Color

33.0993, -6.3635, -5.6320

Protanomaly

33.0241, -2.5311, -4.6682

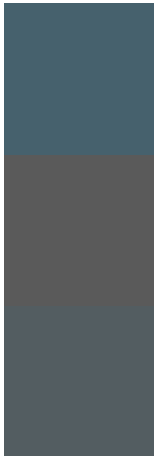
Deuteranomaly

32.9936, -1.0669, -6.1975

Tritanomaly

33.2283, -7.5274, -3.9871

Monochromacy



Original Color

33.0993, -6.3635, -5.6320

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.4511, -3.7678, -0.7323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0993, -6.3635, -5.6320 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(70, 97, 109)` looks like.

```
.text, #text, p{  
    color:rgb(70, 97, 109)  
}
```

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(70, 97, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 97, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0993, -6.3635, -5.6320 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(70, 97, 109) }
```


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

```
.border{ border-color:rgb(70, 97, 109) }
```

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

Here you see how a box with a 4 pixel rgb(70, 97, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 97, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 97, 109);  
box-shadow:4px 4px 4px 4px rgb(70, 97,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0993, -6.3635, -5.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 97, 109) }
```

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

```
.background{ background-color: rgb(70, 97,  
109) }
```

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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