

Converting Colors

HunterLab(33.1396, 0.2878,
-16.1115)

Have a look what the booklet for
HunterLab(33.1396, 0.2878,
-16.1115) contains.

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Color

**HunterLab(33.0510, 0.4407,
-16.2614)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5D80
RGB	76, 93, 128
RGB Percent	30%, 36%, 50%
CMY	0.7020, 0.6353, 0.4980
CMYK	0.41, 0.27, 0.00, 0.50
HSL	220°, 25%, 40%
HSV	220°, 41%, 50%
XYZ	10.7911, 10.9237, 21.9618
YIQ	91.9070, -21.3670, 7.2810

Conversions

Conversions Part 2

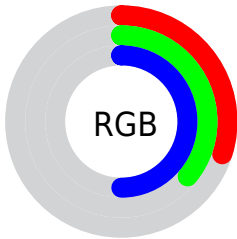
Format	Color
R_{YB}	76, 89, 128
Decimal	5004672
CIE Lab	39.45, 3.09, -21.68
CIE LCh	39, 21.904, 278.120
Yxy	10.9241, 0.2471, 0.2501
Android (android.graphics.Color)	4283194752 (0xFF4C5D80)
YUV	91.9070, 17.7938, -13.9504
Hunter-Lab	33.0510, 0.4407, -16.2614

Details

The HunterLab color **33.0510, 0.4407, -16.2614** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40.5958, -1.1684, 15.0078**, and the grayscale version is **32.6225, -1.7407, 1.7724**.

A 20% lighter version of the original color is **52.4339, -0.1318, -17.1250**, and **16.8243, 1.1112, -15.6816** is the 20% darker color. If you saturate the color by 10%, you get **30.0378, 1.8643, -21.7685**, and if you desaturate by 10%, it is **36.1942, -0.6528, -11.1625**.

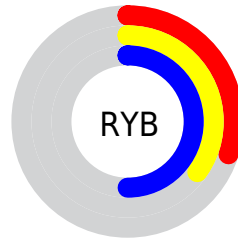
Distribution



Red (30%)

Green (36%)

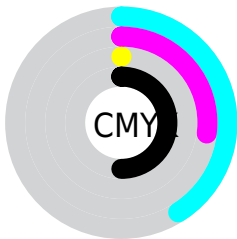
Blue (50%)



Red (30%)

Yellow (35%)

Blue (50%)

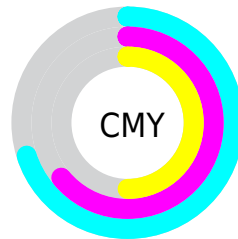


Cyan (41%)

Magenta (27%)

Yellow (0%)

Black (50%)



Cyan (70%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0510, 0.4407, -16.2614 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 33.0510, 0.4407, -16.2614 by changing the saturation by 10% instead.

■ 33.0510, 0.4407,
-16.2614

■ 33.0510, 0.4407,
-16.2614

■ 140.4087, -3.9553,
-17.9619

■ 24.5272, 0.6927,
-15.7814

■ 52.4593, -0.2376,
-17.0592

■ 16.8959, 0.8742,
-15.2938

■ 63.2265, -0.6511,
-17.3634

■ 10.2779, 0.9683,
-14.9372

■ 74.6437, -1.1084,
-17.6046

0.0000, INF, -NF

0.0000, NaN, -NF

■ 86.6757, -1.6061,
-17.7853

0.0000, NaN, NaN

■ 99.2927, -2.1418,
-17.9085

0.0000, NaN, NaN

112.4686, -2.7131,

0.0000, NaN, NaN

-17.9771

0.0000, NaN, NaN

126.1807, -3.3181,
-17.9941

■ 33.0510, 0.4407,
-16.2614

■ 33.0510, 0.4407,
-16.2614

■ 30.0378, 1.8643,
-21.7685

■ 36.1942, -0.6528,
-11.1625

■ 27.1740, 3.6840,
-27.7496

■ 39.4490, -1.4715,
-6.4112

■ 24.4865, 5.9713,
-34.2561

■ 42.8024, -2.0613,
-1.9504

■ 22.0080, 8.7937,
-41.3026

■ 46.2437, -2.4598,
2.2683

■ 19.7774, 12.1895,
-48.8229

■ 49.7641, -2.6970,
6.2857

■ 17.8985, 15.7380,
-56.3454

■ 53.3564, -2.7974,
10.1356

■ 57.0145, -2.7808,
13.8461

■ 60.7333, -2.6632,
17.4401

■ 64.5086, -2.4580,
20.9368

Harmonies

Analogous

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



33.0516, -7.3164, -14.9079



33.0510, 0.4407, -16.2614



33.0516, 8.2999, -11.9426

Triad

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



33.0516, 0.4405, -16.2607



33.0516, 11.2584, 9.6320



33.0516, -14.8891, 6.8109

Complementary

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



33.0510, 0.4407, -16.2614



40.5958, -1.1684, 15.0078

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.



33.0516, -10.7538, 11.3819



33.0510, 0.4407, -16.2614



33.0516, 4.1782, 12.7196

Square

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



33.0516, 0.4405, -16.2607



33.0516, 14.9228, 3.8042



33.0516, -3.9148, 13.2733



33.0516, -15.6843, -0.3401

Rectangle

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



33.0510, 0.4407, -16.2614



33.0516, 12.3706, -6.9211



33.0516, -3.9148, 13.2733



33.0516, -13.8639, 8.6450

Sweetspot

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



33.0516, 0.4405, -16.2607



56.0504, -2.6246, -3.5424



42.5622, -17.6535, 5.1015



26.8956, -1.2345, -2.0065



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



33.0516, 0.4405, -16.2607



40.0510, 2.3683, -28.5077



29.3999, 10.4620, -22.8858



21.0323, -1.0359, -0.6267



17.8294, 15.6544, -56.0786

0.0000, NaN, NaN

Inverse Universe

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



32.4788, 17.1510, 1.4082



39.5641, 28.9332, 2.3122



44.6161, -11.3547, 18.2066



20.8941, 0.8645, 0.9708



21.7150, 37.9470, 8.1451

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.0510, 0.4407, -16.2614 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 33.0510, 0.4407, -16.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

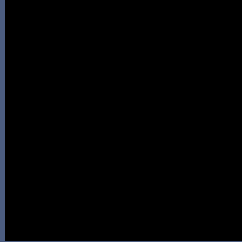
Any Text WCAG AA × Fail

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 33.0510, 0.4407, -16.2614 Background



This preview shows how black text looks on a background with the HunterLab color 33.0510, 0.4407, -16.2614.

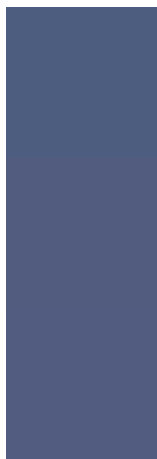


This preview shows how white text looks on a background with the HunterLab color 33.0510, 0.4407, -16.2614.

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

33.0510, 0.4407, -16.2614

Protanopia

33.1367, 2.0063, -15.4720

Deuteranopia

33.1091, 1.9925, -16.1342



Tritanopia

32.9718, -7.0809, -3.8392

Trichromacy



Original Color

33.0510, 0.4407, -16.2614

Protanomaly

33.0031, 1.5559, -15.7076

Deuteranomaly

32.9774, 1.5483, -16.3692

Tritanomaly

33.0692, -4.7786, -7.7168

Monochromacy



Original Color

33.0510, 0.4407, -16.2614

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.6384, -1.2528, -4.1881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0510, 0.4407, -16.2614 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(76, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(76, 93, 128)  
}
```

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(76, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 93, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0510, 0.4407, -16.2614 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(76, 93, 128) }
```


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

```
.border{ border-color:rgb(76, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 93, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 93, 128);  
box-shadow:4px 4px 4px 4px rgb(76, 93,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0510, 0.4407, -16.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 93, 128) }
```

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

```
.background{ background-color: rgb(76, 93,  
128) }
```

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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