

Converting Colors

HunterLab(33.5799, 2.0833,
16.5209)

Have a look what the booklet for
HunterLab(33.5799, 2.0833,
16.5209) contains.

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Color

**HunterLab(33.5799, 2.0833,
16.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	755A2C
RGB	117, 90, 44
RGB Percent	46%, 35%, 17%
CMY	0.5412, 0.6470, 0.8274
CMYK	0.00, 0.23, 0.62, 0.54
HSL	38°, 45%, 32%
HSV	38°, 62%, 46%
XYZ	11.4469, 11.2761, 3.9561
YIQ	92.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

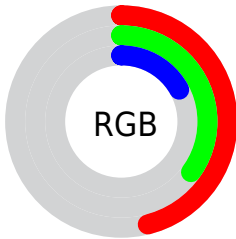
Format	Color
R _Y B	87, 117, 44
Decimal	7690796
CIE Lab	40.04, 5.36, 30.38
CIE LCh	40, 30.851, 79.999
Yxy	11.2766, 0.4291, 0.4227
Android (android.graphics.Color)	4285880876 (0xFF755A2C)
YUV	92.8290, -24.0727, 21.1980
Hunter-Lab	33.5799, 2.0833, 16.5209

Details

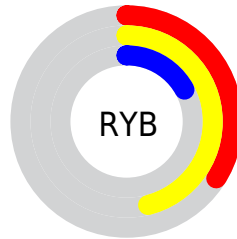
The HunterLab color $[33.5799, 2.0833, 16.5209]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[25.1517, 2.1342, -24.1365]$, and the grayscale version is $[33.1006, -1.7662, 1.7984]$.

A 20% lighter version of the original color is $[53.0749, 1.4930, 21.6741]$, and $[17.4213, 2.1480, 10.7725]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.3911, 3.3990, 17.4779]$, and if you desaturate by 10%, it is $[34.8264, 0.9420, 15.1718]$.

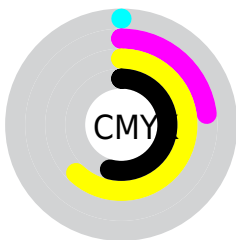
Distribution



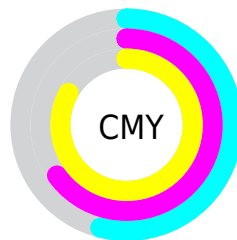
- Red (46%)
- Green (35%)
- Blue (17%)



- Red (34%)
- Yellow (46%)
- Blue (17%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5799, 2.0833, 16.5209 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 33.5799, 2.0833, 16.5209 by changing the saturation by 10% instead.

■ 33.5799, 2.0833,
16.5209

■ 33.5799, 2.0833,
16.5209

■ 141.2642, -1.3736,
36.8776

■ 25.0065, 2.1939,
13.7076

■ 53.0760, 1.6533,
21.6159

■ 17.3195, 2.2209,
11.1247

■ 63.8827, 1.3531,
23.9806

■ 10.6375, 2.1412,
7.4462

■ 75.3370, 1.0031,
26.2598

■ 0.6864, 33.9746,
0.4805

■ 87.4044, 0.6074,
28.4716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0550, 0.1693,
30.6299

0.0000, NaN, NaN

■ 113.2632, -0.3084,

0.0000, NaN, NaN

32.7451

0.0000, NaN, NaN

127.0063, -0.8234,
34.8255

■ 33.5799, 2.0833,
16.5209

■ 33.5799, 2.0833,
16.5209

■ 32.3911, 3.3990,
17.4779

■ 34.8264, 0.9420,
15.1718

■ 31.2594, 4.8899,
18.0383

■ 36.1259, -0.0208,
13.4411

■ 30.1866, 6.5440,
18.2133

■ 37.4769, -0.8101,
11.3457

■ 29.3999, 7.8494,
18.2535

■ 38.8769, -1.4315,
8.9047

■ 40.3234, -1.8918,
6.1387

■ 41.8140, -2.1988,
3.0686

■ 43.3462, -2.3608,
-0.2850

■ 44.9179, -2.3861,
-3.9024

■ 46.5270, -2.2830,
-7.7647

Harmonies

Analogous

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



33.5807, 13.4211, 14.1613



33.5799, 2.0833, 16.5209



33.5807, -8.9378, 16.0717

Triad

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



33.5807, 2.0818, 16.5212



33.5807, -19.9425, -6.0777



33.5807, 16.6172, -14.4465

Complementary

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



33.5799, 2.0833, 16.5209



25.1517, 2.1342, -24.1365

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.



33.5807, 6.0029, -24.1247



33.5799, 2.0833, 16.5209



33.5807, -14.7045, -18.2865

Square

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



33.5807, 2.0818, 16.5212



33.5807, -20.7001, 5.2376



33.5807, -5.5008, -25.7254



33.5807, 22.5204, -1.9817

Rectangle

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



33.5799, 2.0833, 16.5209



33.5807, -14.7042, 14.1614



33.5807, -5.5008, -25.7254



33.5807, 13.4207, -18.2869

Sweetspot

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



33.5807, 2.0818, 16.5212



52.5795, -2.1160, 10.8859



24.5989, 25.2060, 0.8284



25.0026, -0.9399, 5.6087



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.5807, 2.0818, 16.5212



42.6469, 5.4273, 23.7950



40.1533, -12.2142, 21.0097



20.1231, -0.9916, 2.5349



30.8112, 8.3358, 19.1317



66.7702, 20.9018, 41.5094

Inverse Universe

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



25.1517, 2.1342, -24.1365



29.2493, 6.6527, -42.9497



19.5697, 16.4180, -38.6420



19.4711, -1.0597, -0.4755



18.1995, 12.1519, -48.9803



38.2399, 31.5876, -115.9852

Previews

White Background



This preview shows how the HunterLab color 33.5799, 2.0833, 16.5209 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 33.5799, 2.0833, 16.5209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

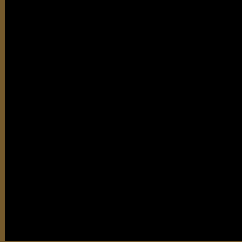
Any Text WCAG AA × Fail

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 33.5799, 2.0833, 16.5209 Background



This preview shows how black text looks on a background with the HunterLab color 33.5799, 2.0833, 16.5209.



This preview shows how white text looks on a background with the HunterLab color 33.5799, 2.0833,

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

33.5799, 2.0833, 16.5209

Protanopia

33.7300, -4.0351, 16.3497

Deuteranopia

33.5799, 2.0833, 16.5209



Tritanopia

33.6412, 10.2226, 3.4648

Trichromacy



Original Color

33.5799, 2.0833, 16.5209

Protanomaly

33.5699, -1.8809, 16.2680

Deuteranomaly

33.5799, 2.0833, 16.5209

Tritanomaly

33.6212, 6.9429, 9.4140

Monochromacy



Original Color

33.5799, 2.0833, 16.5209

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.1468, -1.0501, 8.4997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5799, 2.0833, 16.5209 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(117, 90, 44)` looks like.

```
.text, #text, p{  
    color:rgb(117, 90, 44)  
}
```

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(117, 90, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 90, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5799, 2.0833, 16.5209 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(117, 90, 44) }
```


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

```
.border{ border-color:rgb(117, 90, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 90, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 90, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 90, 44);  
box-shadow:4px 4px 4px 4px rgb(117, 90,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5799, 2.0833, 16.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 90, 44) }
```

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

```
.background{ background-color: rgb(117, 90,  
44) }
```

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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