

Converting Colors

HunterLab(33.0784, 12.4055,
15.6389)

Have a look what the booklet for
HunterLab(33.0784, 12.4055,
15.6389) contains.

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Color

**HunterLab(33.0715, 12.6958,
15.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	855030
RGB	133, 80, 48
RGB Percent	52%, 31%, 19%
CMY	0.4784, 0.6863, 0.8118
CMYK	0.00, 0.40, 0.64, 0.48
HSL	23°, 47%, 35%
HSV	23°, 64%, 52%
XYZ	13.0750, 10.9372, 4.2183
YIQ	92.1990, 41.8600, 1.2840

Conversions

Conversions Part 2

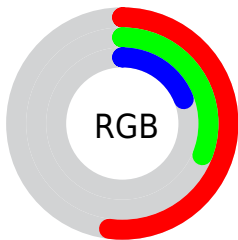
Format	Color
R_{YB}	133, 99, 48
Decimal	8736816
CIE Lab	39.48, 18.99, 27.97
CIE LCh	39, 33.811, 55.824
Yxy	10.9378, 0.4631, 0.3874
Android (android.graphics.Color)	4286926896 (0xFF855030)
YUV	92.1990, -21.7901, 35.7825
Hunter-Lab	33.0715, 12.6958, 15.5876

Details

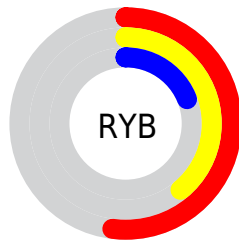
The HunterLab color **33.0715, 12.6958, 15.5876** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **34.1007, -6.7766, -17.6874**, and the grayscale version is **32.8560, -1.7531, 1.7851**.

A 20% lighter version of the original color is **52.5455, 13.4711, 20.3980**, and **16.8935, 11.5520, 10.4104** is the 20% darker color. If you saturate the color by 10%, you get **31.1506, 15.7992, 16.4890**, and if you desaturate by 10%, it is **35.1495, 9.7742, 14.3112**.

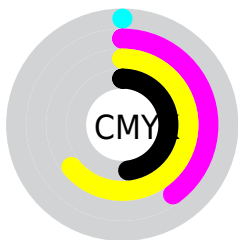
Distribution



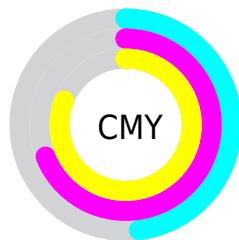
- Red (52%)
- Green (31%)
- Blue (19%)



- Red (52%)
- Yellow (39%)
- Blue (19%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0715, 12.6958, 15.5876 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 33.0715, 12.6958, 15.5876 by changing the saturation by 10% instead.

■ 33.0715, 12.6958,
15.5876

■ 33.0715, 12.6958,
15.5876

140.4423, 14.8125,
34.7214

■ 24.5459, 12.0052,
12.9649

■ 52.4834, 13.7202,
20.3459

■ 16.9124, 11.1715,
10.4647

■ 63.2522, 14.0881,
22.5605

■ 10.2919, 10.1682,
7.2044

■ 74.6708, 14.3739,
24.6994

0.0000, INF, NaN

0.0000, NaN, NaN

■ 86.7043, 14.5858,
26.7794

0.0000, NaN, NaN

■ 99.3226, 14.7306,
28.8130

0.0000, NaN, NaN

■ 112.4997, 14.8136,

0.0000, NaN, NaN

126.2130, 14.8396,
32.7772

■ 33.0715, 12.6958,
15.5876

■ 33.0715, 12.6958,
15.5876

■ 31.1506, 15.7992,
16.4890

■ 35.1495, 9.7742,
14.3112

■ 29.4003, 19.0545,
16.9795

■ 37.3666, 7.0561,
12.6998

■ 27.8365, 22.3963,
17.0493

■ 39.7094, 4.5420,
10.7953

■ 26.9707, 24.3889,
17.0462

■ 42.1652, 2.2254,
8.6361

■ 44.7225, 0.0952,
6.2558

■ 47.3717, -1.8625,
3.6835

■ 50.1039, -3.6626,
0.9438

■ 52.9118, -5.3197,
-1.9426

■ 55.7888, -6.8476,
-4.9585

Harmonies

Analogous

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



33.0723, 22.5009, 10.2224



33.0715, 12.6958, 15.5876



33.0723, -0.0153, 17.3562

Triad

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



33.0723, 12.6939, 15.5880



33.0723, -22.3146, 3.4069



33.0723, 9.2535, -25.7534

Complementary

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



33.0715, 12.6958, 15.5876



34.1007, -6.7766, -17.6874

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.



33.0723, -3.4819, -29.6785



33.0715, 12.6958, 15.5876



33.0723, -20.5800, -9.6595

Square

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



33.0723, 12.6939, 15.5880



33.0723, -19.2442, 12.1606



33.0723, -14.1028, -22.9440



33.0723, 20.3184, -13.6113

Rectangle

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



33.0715, 12.6958, 15.5876



33.0723, -8.0097, 17.0153



33.0723, -14.1028, -22.9440



33.0723, 4.9774, -28.2322

Sweetspot

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



33.0723, 12.6939, 15.5880



57.9422, 1.6721, 10.1649



28.3840, 32.8353, -8.1024



27.1062, 1.1305, 5.1902



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



33.0723, 12.6939, 15.5880



40.5222, 23.2308, 22.4544



43.6316, -6.2960, 22.9754



22.2594, -0.4173, 2.4435



26.3505, 23.7302, 16.6525



1.9313, 0.5337, 1.1994

Inverse Universe

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



34.1007, -6.7766, -17.6874



42.0468, -7.5635, -30.2583



23.4184, 12.6305, -41.5287



22.3428, -1.8849, -0.0665



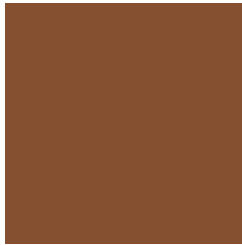
27.4053, -2.4874, -28.8847



2.0026, -0.7210, -0.9467

Previews

White Background



This preview shows how the HunterLab color 33.0715, 12.6958, 15.5876 looks on a white background.

Color Contrast Check

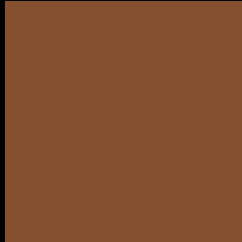
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0715, 12.6958, 15.5876 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 33.0715, 12.6958, 15.5876 Background



This preview shows how black text looks on a background with the HunterLab color 33.0715, 12.6958, 15.5876.



This preview shows how white text looks on a background with the HunterLab color 33.0715, 12.6958,

15.5876.

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

33.0715, 12.6958, 15.5876

Protanopia

33.3856, -3.6819, 14.5261

Deuteranopia

33.1464, 1.9620, 15.8356



Tritanopia

33.0590, 18.2740, 6.3742

Trichromacy



Original Color

33.0715, 12.6958, 15.5876

Protanomaly

33.1077, 1.9576, 14.8263

Deuteranomaly

33.1638, 5.8355, 15.7296

Tritanomaly

32.8912, 16.1981, 10.1060

Monochromacy



Original Color

33.0715, 12.6958, 15.5876

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.5992, 2.4036, 7.6938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0715, 12.6958, 15.5876 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(133, 80, 48)` looks like.

```
.text, #text, p{  
    color:rgb(133, 80, 48)  
}
```

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(133, 80, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 80, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0715, 12.6958, 15.5876 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(133, 80, 48) }
```


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

```
.border{ border-color:rgb(133, 80, 48) }
```

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

Here you see how a box with a 4 pixel rgb(133, 80, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 80, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 80, 48);  
box-shadow:4px 4px 4px 4px rgb(133, 80,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0715, 12.6958, 15.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 80, 48) }
```

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

```
.background{ background-color: rgb(133, 80,  
48) }
```

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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