

Converting Colors

HunterLab(33.0733, 12.5180,
15.7944)

Have a look what the booklet for
HunterLab(33.0733, 12.5180,
15.7944) contains.

HunterLab(33.0592, 12.6336, 15.7689)	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(33.0592, 12.6336,
15.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	85502F
RGB	133, 80, 47
RGB Percent	52%, 31%, 18%
CMY	0.4784, 0.6863, 0.8157
CMYK	0.00, 0.40, 0.65, 0.48
HSL	23°, 48%, 35%
HSV	23°, 65%, 52%
XYZ	13.0546, 10.9291, 4.1108
YIQ	92.0850, 42.1810, 0.9730

Conversions

Conversions Part 2

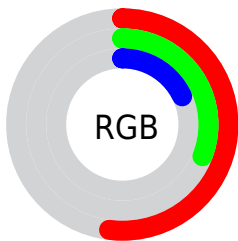
Format	Color
R_{YB}	133, 101, 47
Decimal	8736815
CIE _{Lab}	39.46, 18.92, 28.53
CIE _{LCh}	39, 34.231, 56.450
Yxy	10.9297, 0.4647, 0.3890
Android (android.graphics.Color)	4286926895 (0xFF85502F)
YUV	92.0850, -22.2269, 35.8825
Hunter-Lab	33.0592, 12.6336, 15.7689

Details

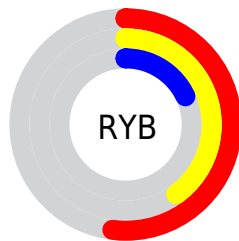
The HunterLab color **33.0592, 12.6336, 15.7689** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33.7810, -6.4728, -18.2442**, and the grayscale version is **32.8153, -1.7509, 1.7829**.

A 20% lighter version of the original color is **52.5283, 13.3822, 20.6491**, and **16.8805, 11.4904, 10.6029** is the 20% darker color. If you saturate the color by 10%, you get **31.1613, 15.7091, 16.6398**, and if you desaturate by 10%, it is **35.1116, 9.7407, 14.5167**.

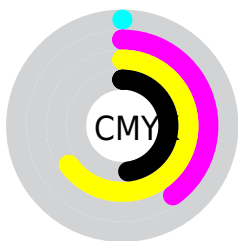
Distribution



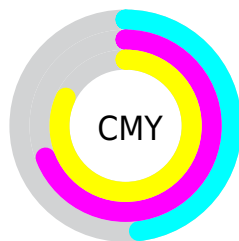
- Red (52%)
- Green (31%)
- Blue (18%)



- Red (52%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (65%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0592, 12.6336, 15.7689 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 33.0592, 12.6336, 15.7689 by changing the saturation by 10% instead.

33.0592, 12.6336,
15.7689

33.0592, 12.6336,
15.7689

140.4224, 14.7221,
35.1933

24.5348, 11.9468,
13.0989

52.4691, 13.6508,
20.6089

16.9026, 11.1171,
10.5991

63.2369, 14.0154,
22.8594

10.2836, 10.1177,
7.1985

74.6547, 14.2980,
25.0316

0.0000, INF, NaN

0.0000, NaN, NaN

86.6873, 14.5068,
27.1427

0.0000, NaN, NaN

99.3048, 14.6485,
29.2056

0.0000, NaN, NaN

112.4812, 14.7287,

0.0000, NaN, NaN

31.2302

0.0000, NaN, NaN

126.1938, 14.7519,
33.2240

■ 33.0592, 12.6336,
15.7689

■ 33.0592, 12.6336,
15.7689

■ 31.1613, 15.7091,
16.6398

■ 35.1116, 9.7407,
14.5167

■ 29.4307, 18.9381,
17.0953

■ 37.3011, 7.0518,
12.9222

■ 27.8822, 22.2534,
17.1368

■ 39.6147, 4.5675,
11.0268

■ 27.1250, 23.9864,
17.1342

■ 42.0399, 2.2816,
8.8689

■ 44.5656, 0.1830,
6.4825

■ 47.1822, -1.7421,
3.8971

■ 49.8812, -3.5082,
1.1378

■ 52.6552, -5.1300,
-1.7742

■ 55.4978, -6.6212,
-4.8210

Harmonies

Analogous

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



33.0600, 22.6901, 10.4674



33.0592, 12.6336, 15.7689



33.0600, -0.2608, 17.4758

Triad

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



33.0600, 12.6317, 15.7693



33.0600, -22.5407, 3.1874



33.0600, 9.6654, -26.0010

Complementary

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



33.0592, 12.6336, 15.7689



33.7810, -6.4728, -18.2442

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.



33.0600, -3.2443, -30.2235



33.0592, 12.6336, 15.7689



33.0600, -20.6905, -10.1240

Square

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



33.0600, 12.6317, 15.7693



33.0600, -19.5451, 12.1258



33.0600, -14.0557, -23.5679



33.0600, 20.8062, -13.5388

Rectangle

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



33.0592, 12.6336, 15.7689



33.0600, -8.3160, 17.0983



33.0600, -14.0557, -23.5679



33.0600, 5.3378, -28.5930

Sweetspot

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



33.0600, 12.6317, 15.7693



58.0096, 1.5546, 10.2341



28.1787, 32.9813, -7.4449



27.1420, 1.0677, 5.2263



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.



33.0600, 12.6317, 15.7693



40.4870, 23.2100, 22.6505



43.9879, -6.9198, 23.3590



22.2712, -0.4373, 2.4564



26.5012, 23.3377, 16.7385



1.9416, 0.5132, 1.2054

Inverse Universe

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



33.7810, -6.4728, -18.2442



41.5248, -6.9672, -31.2740



22.8637, 13.6299, -43.2165



22.3307, -1.8652, -0.0810



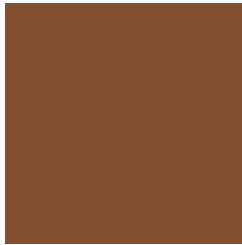
27.1499, -2.0708, -29.4649



1.9925, -0.7073, -0.9636

Previews

White Background



This preview shows how the HunterLab color 33.0592, 12.6336, 15.7689 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 33.0592, 12.6336, 15.7689 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 33.0592, 12.6336, 15.7689 Background



This preview shows how black text looks on a background with the HunterLab color 33.0592, 12.6336, 15.7689.



This preview shows how white text looks on a background with the HunterLab color 33.0592, 12.6336,

15.7689.

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

33.0592, 12.6336, 15.7689

Protanopia

33.3720, -3.7574, 14.7259

Deuteranopia

33.1347, 1.8989, 16.0083



Tritanopia

33.0361, 18.1625, 6.7037

Trichromacy



Original Color

33.0592, 12.6336, 15.7689

Protanomaly

33.0945, 1.8869, 15.0195

Deuteranomaly

33.1518, 5.7723, 15.9063

Tritanomaly

32.8721, 16.1041, 10.3826

Monochromacy



Original Color

33.0592, 12.6336, 15.7689

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 33.0592, 12.6336, 15.7689 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, 47)` looks like.

```
.text, #text, p{  
    color:rgb(133, 80, 47)  
}
```

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, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 80, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0592, 12.6336, 15.7689 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, 47) }
```


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

```
.border{ border-color:rgb(133, 80, 47) }
```

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, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 80, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 80, 47);  
box-shadow:4px 4px 4px 4px rgb(133, 80,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0592, 12.6336, 15.7689 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, 47) }
```

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

```
.background{ background-color: rgb(133, 80,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor