

Converting Colors

HunterLab(33.2977, -0.4084,
15.8930)

Have a look what the booklet for
HunterLab(33.2977, -0.4084,
15.8930) contains.

HunterLab(33.2550, -0.2808, 15.8783)	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(33.2550, -0.2808,
15.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5B2E
RGB	111, 91, 46
RGB Percent	44%, 36%, 18%
CMY	0.5647, 0.6431, 0.8196
CMYK	0.00, 0.18, 0.59, 0.56
HSL	42°, 41%, 31%
HSV	42°, 59%, 44%
XYZ	10.7898, 11.0590, 4.1507
YIQ	91.8500, 26.3650, -9.7550

Conversions

Conversions Part 2

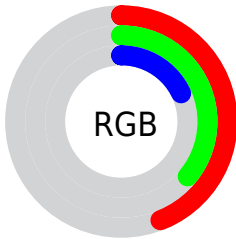
Format	Color
R_{YB}	75, 111, 46
Decimal	7297838
CIE _{Lab}	39.68, 2.10, 28.69
CIE _{LCh}	40, 28.766, 85.813
Yxy	11.0595, 0.4150, 0.4254
Android (android.graphics.Color)	4285487918 (0xFF6F5B2E)
YUV	91.8500, -22.6040, 16.7946
Hunter-Lab	33.2550, -0.2808, 15.8783

Details

The HunterLab color **33.2550, -0.2808, 15.8783** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **23.7166, 3.2336, -22.9256**, and the grayscale version is **32.7336, -1.7466, 1.7785**.

A 20% lighter version of the original color is **52.6617, -1.2823, 20.7681**, and **17.1642, 0.1366, 10.5789** is the 20% darker color. If you saturate the color by 10%, you get **32.2681, 0.5826, 16.9861**, and if you desaturate by 10%, it is **34.2869, -0.9830, 14.3936**.

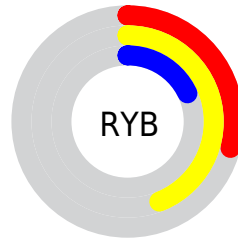
Distribution



Red (44%)

Green (36%)

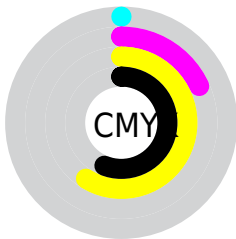
Blue (18%)



Red (29%)

Yellow (44%)

Blue (18%)

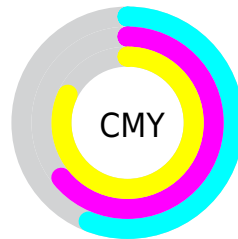


Cyan (0%)

Magenta (18%)

Yellow (59%)

Black (56%)



Cyan (56%)

Magenta (64%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2550, -0.2808, 15.8783 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 33.2550, -0.2808, 15.8783 by changing the saturation by 10% instead.

■ 33.2550, -0.2808,
15.8783

■ 33.2550, -0.2808,
15.8783

■ 140.7392, -5.1133,
35.3732

■ 24.7121, 0.0360,
13.1994

■ 52.6973, -1.0768,
20.7358

■ 17.0592, 0.2907,
10.6675

■ 63.4798, -1.5428,
22.9947

■ 10.4164, 0.4687,
7.2915

■ 74.9114, -2.0497,
25.1750

0.0000, INF, NaN

0.0000, NaN, NaN

■ 86.9571, -2.5946,
27.2939

0.0000, NaN, NaN

■ 99.5871, -3.1753,
29.3644

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.7755, -3.7897,

31.3962

0.0000, NaN, NaN

126.4996, -4.4362,
33.3971

■ 33.2550, -0.2808,
15.8783

■ 33.2550, -0.2808,
15.8783

■ 32.2681, 0.5826,
16.9861

■ 34.2869, -0.9830,
14.3936

■ 31.3245, 1.6088,
17.7149

■ 35.3602, -1.5202,
12.5383

■ 30.4250, 2.7895,
18.0741

■ 36.4746, -1.8965,
10.3245

■ 29.5617, 4.0738,
18.1949

■ 37.6286, -2.1161,
7.7669

■ 29.4388, 4.2596,
18.2146

■ 38.8207, -2.1844,
4.8819

■ 40.0493, -2.1076,
1.6868

■ 41.3129, -1.8923,
-1.8008

■ 42.6100, -1.5454,
-5.5635

■ 43.9390, -1.0739,
-9.5844

Harmonies

Analogous

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



33.2558, 10.4080, 14.1444



33.2550, -0.2808, 15.8783



33.2558, -10.1572, 14.9185

Triad

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



33.2558, -0.2822, 15.8786



33.2558, -18.1397, -7.7375



33.2558, 16.7247, -10.9618

Complementary

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



33.2550, -0.2808, 15.8783



23.7166, 3.2336, -22.9256

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.



33.2558, 7.5269, -20.6706



33.2550, -0.2808, 15.8783



33.2558, -12.4251, -18.4380

Square

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



33.2558, -0.2822, 15.8786



33.2558, -19.6873, 3.1885



33.2558, -3.2444, -23.7621



33.2558, 20.9721, 0.3703

Rectangle

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



33.2550, -0.2808, 15.8783



33.2558, -15.1093, 12.6478



33.2558, -3.2444, -23.7621



33.2558, 14.0575, -14.6459

Sweetspot

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



33.2558, -0.2822, 15.8786



50.3637, -2.8329, 10.3688



23.9455, 21.7060, 2.1482



24.5063, -1.3640, 5.4947



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



33.2558, -0.2822, 15.8786



42.7504, 1.2158, 23.1129



37.7140, -12.3639, 18.9591



19.3687, -1.0914, 2.5079



31.8834, 4.7605, 19.7298



70.0424, 12.7287, 43.3826

Inverse Universe

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



23.7166, 3.2336, -22.9256



27.5707, 7.8796, -40.7849



19.9972, 14.8709, -32.0067



18.5807, -0.8757, -0.5454



16.3328, 15.5558, -53.9951



34.5243, 40.0599, -129.6302

Previews

White Background



This preview shows how the HunterLab color 33.2550, -0.2808, 15.8783 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 33.2550, -0.2808, 15.8783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

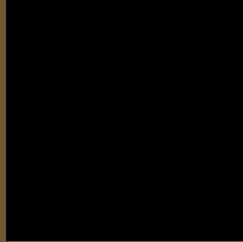
Any Text WCAG AA × Fail

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 33.2550, -0.2808, 15.8783 Background



This preview shows how black text looks on a background with the HunterLab color 33.2550, -0.2808, 15.8783.



This preview shows how white text looks on a background with the HunterLab color 33.2550, -0.2808,

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

33.2550, -0.2808, 15.8783

Protanopia

33.3972, -3.7963, 15.7384

Deuteranopia

33.1464, 1.9620, 15.8356



Tritanopia

33.2763, 7.9056, 2.6025

Trichromacy



Original Color

33.2550, -0.2808, 15.8783

Protanomaly

33.4062, -2.4049, 15.7696

Deuteranomaly

33.2971, 1.1747, 15.9356

Tritanomaly

33.2639, 4.5680, 8.7122

Monochromacy



Original Color

33.2550, -0.2808, 15.8783

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.8861, -1.9548, 8.2289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2550, -0.2808, 15.8783 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(111, 91, 46)` looks like.

```
.text, #text, p{  
    color:rgb(111, 91, 46)  
}
```

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(111, 91, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 91, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2550, -0.2808, 15.8783 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(111, 91, 46) }
```


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

```
.border{ border-color:rgb(111, 91, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 91, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 91, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 91, 46);  
box-shadow:4px 4px 4px 4px rgb(111, 91,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2550, -0.2808, 15.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 91, 46) }
```

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

```
.background{ background-color: rgb(111, 91,  
46) }
```

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