

Converting Colors

HunterLab(33.1178, -0.6299,
19.3890)

Have a look what the booklet for
HunterLab(33.1178, -0.6299,
19.3890) contains.

HunterLab(33.2213, -0.8588, 19.4345)	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(33.2213, -0.8588,
19.4345)**

Conversions

Conversions Part 1

Format	Color
Hex	715B12
RGB	113, 91, 18
RGB Percent	44%, 36%, 7%
CMY	0.5569, 0.6431, 0.9294
CMYK	0.00, 0.19, 0.84, 0.56
HSL	46°, 73%, 26%
HSV	46°, 84%, 44%
XYZ	10.6603, 11.0365, 2.1406
YIQ	89.2560, 36.5450, -18.0390

Conversions

Conversions Part 2

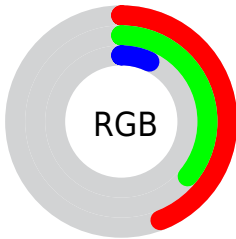
Format	Color
R_{YB}	47, 113, 18
Decimal	7428882
CIE Lab	39.64, 1.29, 41.96
CIE LCh	40, 41.975, 88.239
Yxy	11.0371, 0.4472, 0.4630
Android (android.graphics.Color)	4285618962 (0xFF715B12)
YUV	89.2560, -35.1292, 20.8235
Hunter-Lab	33.2213, -0.8588, 19.4345

Details

The HunterLab color **33.2213, -0.8588, 19.4345** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16.8474, 12.7793, -44.3747**, and the grayscale version is **31.8175, -1.6977, 1.7287**.

A 20% lighter version of the original color is **52.7181, -1.7955, 26.3026**, and **17.1642, 0.1366, 10.5789** is the 20% darker color. If you saturate the color by 10%, you get **32.5092, 0.0385, 19.6817**, and if you desaturate by 10%, it is **33.9689, -1.6189, 18.8399**.

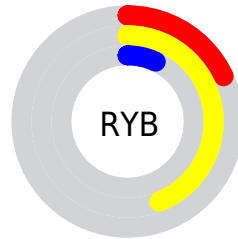
Distribution



Red (44%)

Green (36%)

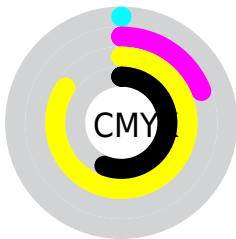
Blue (7%)



Red (18%)

Yellow (44%)

Blue (7%)

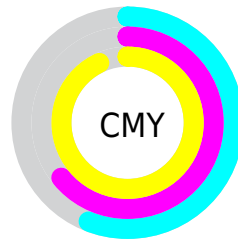


Cyan (0%)

Magenta (19%)

Yellow (84%)

Black (56%)



Cyan (56%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2213, -0.8588, 19.4345 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 33.2213, -0.8588, 19.4345 by changing the saturation by 10% instead.

■ 33.2213, -0.8588,
19.4345

■ 33.2213, -0.8588,
19.4345

■ 140.6847, -6.0400,
45.9987

■ 24.6815, -0.4893,
15.7398

■ 52.6581, -1.7482,
26.2515

■ 17.0322, -0.1759,
11.9226

■ 63.4380, -2.2563,
29.3825

■ 10.3935, 0.0694,
7.2755

■ 74.8672, -2.8029,
32.3759

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.9107, -3.3856,
35.2570

0.0000, NaN, NaN

■ 99.5385, -4.0022,
38.0458

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.7249, -4.6512,

40.7578

0.0000, NaN, NaN

126.4470, -5.3309,
43.4054

33.2213, -0.8588,
19.4345

33.2213, -0.8588,
19.4345

32.5092, 0.0385,
19.6817

33.9689, -1.6189,
18.8399

32.0942, 0.5920,
19.7866

34.7519, -2.2207,
17.8578

35.5718, -2.6590,
16.4768

36.4288, -2.9308,
14.6938

37.3226, -3.0354,
12.5117

■ 38.2528, -2.9743,
9.9379

■ 39.2187, -2.7505,
6.9833

■ 40.2194, -2.3681,
3.6613

■ 41.2540, -1.8321,
-0.0134

Harmonies

Analogous

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



33.2221, 15.2818, 17.9439



33.2213, -0.8588, 19.4345



33.2221, -14.6492, 18.2778

Triad

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



33.2221, -0.8603, 19.4348



33.2221, -24.0324, -14.4593



33.2221, 27.3173, -16.6844

Complementary

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



33.2213, -0.8588, 19.4345



16.8474, 12.7793, -44.3747

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.



33.2221, 13.4193, -33.7802



33.2213, -0.8588, 19.4345



33.2221, -15.9606, -32.1360

Square

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



33.2221, -0.8603, 19.4348



33.2221, -26.4812, 2.6618



33.2221, -2.6788, -40.4289



33.2221, 33.2809, 0.9317

Rectangle

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



33.2213, -0.8588, 19.4345



33.2221, -21.0927, 15.6248



33.2221, -2.6788, -40.4289



33.2221, 23.3074, -22.9354

Sweetspot

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



33.2221, -0.8603, 19.4348



50.9863, -4.0080, 13.8844



20.2428, 29.9355, 7.0737



24.3577, -1.9438, 7.1344



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.



33.2221, -0.8603, 19.4348



42.7122, 1.2012, 26.3401



37.2992, -17.3824, 21.7695



19.4723, -1.2627, 2.6188



34.1377, 0.7078, 21.0479



75.2981, 3.1413, 46.4533

Inverse Universe

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



16.8474, 12.7793, -44.3747



18.1469, 26.4394, -79.7571



14.6485, 25.6335, -53.7577



18.4779, -0.7036, -0.6725



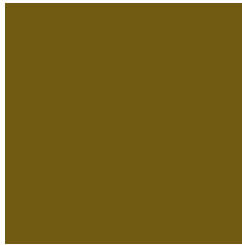
14.7349, 20.1317, -61.8759



31.1294, 50.5686, -148.0722

Previews

White Background



This preview shows how the HunterLab color 33.2213, -0.8588, 19.4345 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 33.2213, -0.8588, 19.4345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

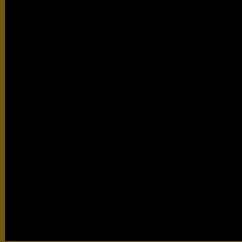
Any Text WCAG AA × Fail

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 33.2213, -0.8588, 19.4345 Background



This preview shows how black text looks on a background with the HunterLab color 33.2213, -0.8588, 19.4345.



This preview shows how white text looks on a background with the HunterLab color 33.2213, -0.8588,

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

33.2213, -0.8588, 19.4345

Protanopia

33.2501, -4.7938, 19.3060

Deuteranopia

33.2315, 1.7959, 19.4093



Tritanopia

33.3225, 9.2237, 3.0842

Trichromacy



Original Color

33.2213, -0.8588, 19.4345

Protanomaly

33.2624, -3.3845, 19.3387

Deuteranomaly

33.2751, 0.6487, 19.4176

Tritanomaly

33.0145, 4.5969, 11.7130

Monochromacy



Original Color

33.2213, -0.8588, 19.4345

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.0435, -2.6526, 10.9974

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2213, -0.8588, 19.4345 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(113, 91, 18)` looks like.

```
.text, #text, p{  
    color:rgb(113, 91, 18)  
}
```

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(113, 91, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 91, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2213, -0.8588, 19.4345 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(113, 91, 18) }
```


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

```
.border{ border-color:rgb(113, 91, 18) }
```

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

Here you see how a box with a 4 pixel rgb(113, 91, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 91, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 91, 18);  
box-shadow:4px 4px 4px 4px rgb(113, 91,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2213, -0.8588, 19.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 91, 18) }
```

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

```
.background{ background-color: rgb(113, 91,  
18) }
```

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