

Converting Colors

HunterLab(33.2916, 48.5280,
18.6685)

Have a look what the booklet for
HunterLab(33.2916, 48.5280,
18.6685) contains.

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Color

**HunterLab(33.2916, 48.5280,
18.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	B52222
RGB	181, 34, 34
RGB Percent	71%, 13%, 13%
CMY	0.2902, 0.8666, 0.8667
CMYK	0.00, 0.81, 0.81, 0.29
HSL	0°, 68%, 42%
HSV	0°, 81%, 71%
XYZ	19.9168, 11.0833, 2.6029
YIQ	77.9530, 87.6120, 31.1640

Conversions

Conversions Part 2

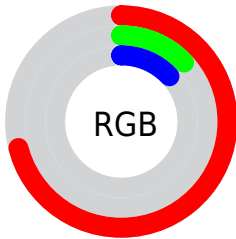
Format	Color
RYB	181, 34, 34
Decimal	11870754
CIELab	39.72, 56.80, 38.46
CIELCh	40, 68.597, 34.098
Yxy	11.0840, 0.5927, 0.3298
Android (android.graphics.Color)	4290060834 (0xFFB52222)
YUV	77.9530, -21.6688, 90.3722
Hunter-Lab	33.2916, 48.5280, 18.6685

Details

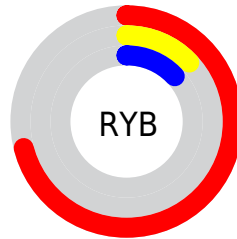
The HunterLab color **33.2916, 48.5280, 18.6685** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **60.5959, -30.8636, -5.9751**, and the grayscale version is **27.6404, -1.4748, 1.5018**.

A 20% lighter version of the original color is **52.7425, 52.4125, 24.8857**, and **19.8039, 33.9148, 12.7968** is the 20% darker color. If you saturate the color by 10%, you get **31.9826, 51.9296, 19.7151**, and if you desaturate by 10%, it is **35.4097, 43.4451, 17.1202**.

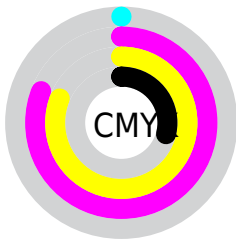
Distribution



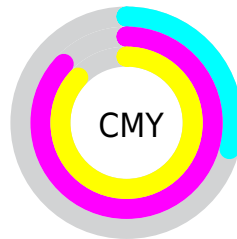
- Red (71%)
- Green (13%)
- Blue (13%)



- Red (71%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2916, 48.5280, 18.6685 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 33.2916, 48.5280, 18.6685 by changing the saturation by 10% instead.

■ 33.2916, 48.5280,
18.6685

■ 33.2916, 48.5280,
18.6685

140.7987, 63.3277,
43.3395

■ 24.7454, 46.4503,
15.1797

■ 52.7403, 52.5043,
24.9656

■ 17.0887, 44.4695,
11.9621

■ 63.5255, 54.3485,
27.8630

■ 10.4414, 43.0046,
7.3090

■ 74.9597, 56.0873,
30.6380

0.0000, INF, NaN

0.0000, INF, NaN

■ 87.0078, 57.7229,
33.3142

0.0000, NaN, NaN

■ 99.6402, 59.2597,
35.9097

0.0000, NaN, NaN

■ 112.8308, 60.7027,

0.0000, NaN, NaN

38.4386

0.0000, NaN, NaN

126.5570, 62.0571,
40.9122

33.2916, 48.5280,
18.6685

33.2916, 48.5280,
18.6685

31.9826, 51.9296,
19.7151

35.4097, 43.4451,
17.1202

31.3433, 53.6736,
20.2532

38.3080, 37.2012,
15.2371

41.9087, 30.3510,
13.2012

46.1137, 23.3281,
11.1510

50.8270, 16.3991,
9.1687

■ 55.9650, 9.6959,
7.2926

■ 61.4589, 3.2645,
5.5332

■ 67.2536, -2.8959,
3.8862

■ 73.3054, -8.8084,
2.3409

Harmonies

Analogous

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



33.2926, 61.5530, 4.9371



33.2916, 48.5280, 18.6685



33.2926, 22.1108, 22.4608

Triad

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



33.2926, 48.5242, 18.6691



33.2926, -35.0862, 16.3028



33.2926, 1.7513, -84.5779

Complementary

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



33.2916, 48.5280, 18.6685



60.5959, -30.8636, -5.9751

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.



33.2926, -20.3918, -71.8962



33.2916, 48.5280, 18.6685



33.2926, -37.6053, -1.6484

Square

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



33.2926, 48.5242, 18.6691



33.2926, -24.7976, 21.8505



33.2926, -33.1237, -35.7072



33.2926, 29.9295, -63.2959

Rectangle

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



33.2916, 48.5280, 18.6685



33.2926, 3.3461, 23.2735



33.2926, -33.1237, -35.7072



33.2926, -6.6102, -84.2078

Sweetspot

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



33.2926, 48.5242, 18.6691



72.6506, 15.7955, 10.5425



37.8206, 65.8153, -44.0747



32.6527, 8.8069, 5.3108



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



33.2926, 48.5242, 18.6691



42.1459, 71.2785, 26.9337



45.3422, 17.7099, 26.2707



29.1640, 0.9660, 2.4301



26.0242, 44.5644, 16.8162



4.6166, 7.9035, 2.9831

Inverse Universe

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



60.5959, -30.8636, -5.9751



80.7447, -42.6763, -8.4835



37.8103, 1.3890, -45.2274



31.0346, -4.0260, 0.8915



50.0780, -26.5461, -5.2877



8.8831, -4.7091, -0.9376

Previews

White Background



This preview shows how the HunterLab color 33.2916, 48.5280, 18.6685 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 33.2916, 48.5280, 18.6685 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 33.2916, 48.5280, 18.6685 Background



This preview shows how black text looks on a background with the HunterLab color 33.2916, 48.5280, 18.6685.



This preview shows how white text looks on a background with the HunterLab color 33.2916, 48.5280,

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

33.2916, 48.5280, 18.6685

Protanopia

33.7905, -3.7002, 15.4619

Deuteranopia

33.6985, 2.0919, 19.6371



Tritanopia

33.2916, 48.5280, 18.6685

Trichromacy



Original Color

33.2916, 48.5280, 18.6685

Protanomaly

31.5174, 15.6955, 15.2131

Deuteranomaly

31.9395, 19.6705, 18.3180

Tritanomaly

33.2916, 48.5280, 18.6685

Monochromacy



Original Color

33.2916, 48.5280, 18.6685

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.2725, 15.5138, 7.1690

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2916, 48.5280, 18.6685 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(181, 34, 34)` looks like.

```
.text, #text, p{  
    color:rgb(181, 34, 34)  
}
```

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(181, 34, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 34, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2916, 48.5280, 18.6685 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(181, 34, 34) }
```


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

```
.border{ border-color:rgb(181, 34, 34) }
```

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

Here you see how a box with a 4 pixel rgb(181, 34, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 34, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 34, 34);  
box-shadow:4px 4px 4px 4px rgb(181, 34,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2916, 48.5280, 18.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 34, 34) }
```

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

```
.background{ background-color: rgb(181, 34,  
34) }
```

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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