

Converting Colors

HunterLab(33.0597, 47.4160,
17.1152)

Have a look what the booklet for
HunterLab(33.0597, 47.4160,
17.1152) contains.

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Color

**HunterLab(33.0169, 47.2492,
17.0678)**

Conversions

Conversions Part 1	
Format	Color
Hex	B2242B
RGB	178, 36, 43
RGB Percent	70%, 14%, 17%
CMY	0.3020, 0.8588, 0.8314
CMYK	0.00, 0.80, 0.76, 0.30
HSL	357°, 66%, 42%
HSV	357°, 80%, 70%
XYZ	19.4270, 10.9012, 3.3657
YIQ	79.2560, 82.3850, 32.2810

Conversions

Conversions Part 2

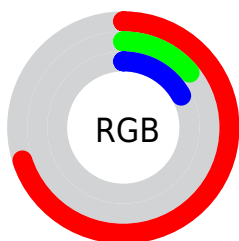
Format	Color
RYB	178, 36, 43
Decimal	11674667
CIELab	39.41, 55.67, 32.77
CIELCh	39, 64.603, 30.485
Yxy	10.9018, 0.5766, 0.3235
Android (android.graphics.Color)	4289864747 (0xFFB2242B)
YUV	79.2560, -17.8742, 86.5985
Hunter-Lab	33.0169, 47.2492, 17.0678

Details

The HunterLab color **33.0169, 47.2492, 17.0678** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **59.2929, -31.5113, -2.5472**, and the grayscale version is **28.0981, -1.4992, 1.5266**.

A 20% lighter version of the original color is **52.3746, 50.9090, 22.4651**, and **19.4471, 33.3038, 12.5663** is the 20% darker color. If you saturate the color by 10%, you get **31.5901, 50.7605, 18.5116**, and if you desaturate by 10%, it is **35.2296, 42.1360, 15.2689**.

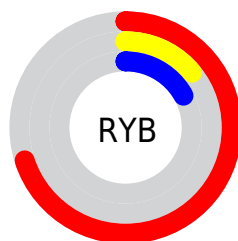
Distribution



Red (70%)

Green (14%)

Blue (17%)



Red (70%)

Yellow (14%)

Blue (17%)

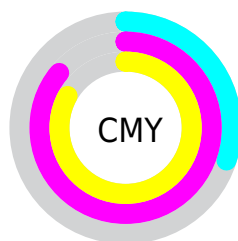


Cyan (0%)

Magenta (80%)

Yellow (76%)

Black (30%)



Cyan (30%)


Magenta (86%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 33.0169, 47.2492, 17.0678 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 33.0169, 47.2492, 17.0678 by changing the saturation by 10% instead.


 33.0169, 47.2492,
17.0678


 33.0169, 47.2492,
17.0678


140.3541, 61.7584,
38.7304


 24.4966, 45.1927,
14.0390

 52.4199, 51.1681,
22.5345

 16.8689, 43.2213,
11.6363


 63.1846, 52.9800,
25.0612

 10.2551, 41.7440,
7.1785


 74.5994, 54.6855,
27.4902

0.0000, INF, NaN

0.0000, INF, NaN

 86.6292, 56.2875,
29.8416

0.0000, NaN, NaN

 99.2440, 57.7905,
32.1308

0.0000, NaN, NaN

0.0000, NaN, NaN

 112.4178, 59.1998,

34.3694

0.0000, NaN, NaN

126.1279, 60.5208,
36.5668

33.0169, 47.2492,
17.0678

33.0169, 47.2492,
17.0678

31.5901, 50.7605,
18.5116

35.2296, 42.1360,
15.2689

30.8122, 52.7573,
19.4042


38.1881, 35.9410,
13.3031

30.7963, 52.8019,
19.4165


41.8121, 29.1887,
11.3350


46.0060, 22.2777,
9.4703

50.6790, 15.4494,
7.7598

 55.7527, 8.8229,
6.2171

 61.1628, 2.4400,
4.8352

 66.8580, -3.6997,
3.5980

 72.7975, -9.6166,
2.4868

Harmonies

Analogous

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



33.0179, 57.0891, 2.1609



33.0169, 47.2492, 17.0678



33.0179, 23.7457, 21.6390

Triad

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



33.0179, 47.2456, 17.0684



33.0179, -32.7385, 16.7909



33.0179, -1.3782, -77.2630

Complementary

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



33.0169, 47.2492, 17.0678



59.2929, -31.5113, -2.5472

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.



33.0179, -21.3051, -62.3130



33.0169, 47.2492, 17.0678



33.0179, -36.0305, 1.4294

Square

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



33.0179, 47.2456, 17.0684



33.0179, -21.8031, 21.5704



33.0179, -32.5131, -28.5226



33.0179, 24.6038, -61.3936

Rectangle

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



33.0169, 47.2492, 17.0678



33.0179, 6.0914, 22.5800



33.0179, -32.5131, -28.5226



33.0179, -8.9465, -75.6052

Sweetspot

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



33.0179, 47.2456, 17.0684



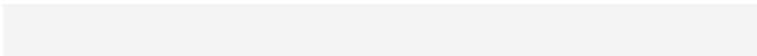
71.8430, 15.9889, 9.3097



36.2264, 61.9549, -45.5273



32.6922, 9.0155, 4.7323



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.



33.0179, 47.2456, 17.0684



41.7338, 70.3526, 25.9911



43.2305, 20.2507, 24.7025



29.1750, 1.0268, 2.2695



26.0553, 44.6839, 16.3454



4.6458, 8.0153, 2.5431

Inverse Universe

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



33.0179, 47.2456, 17.0684



41.7338, 70.3526, 25.9911



39.5575, -2.4736, -38.7976



29.1750, 1.0268, 2.2695



26.0553, 44.6839, 16.3454



4.6458, 8.0153, 2.5431

Previews

White Background



This preview shows how the HunterLab color 33.0169, 47.2492, 17.0678 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 33.0169, 47.2492, 17.0678 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 33.0169, 47.2492, 17.0678 Background



This preview shows how black text looks on a background with the HunterLab color 33.0169, 47.2492, 17.0678.



This preview shows how white text looks on a background with the HunterLab color 33.0169, 47.2492,

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

33.0169, 47.2492, 17.0678

Protanopia

33.4172, -3.3313, 12.7002

Deuteranopia

33.3258, 2.3019, 18.0157



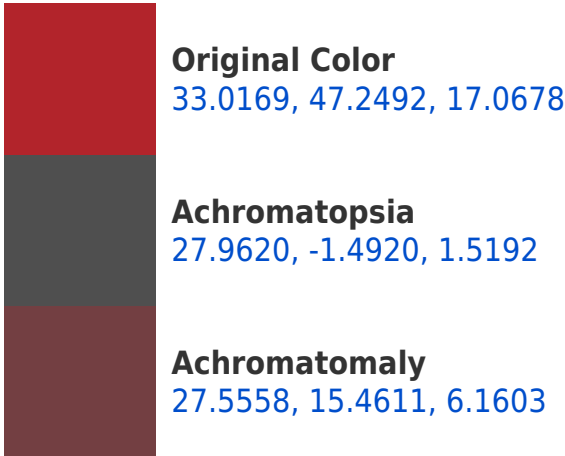
Tritanopia

33.0480, 46.7102, 18.0417

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0169, 47.2492, 17.0678 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(178, 36, 43)` looks like.

```
.text, #text, p{  
    color:rgb(178, 36, 43)  
}
```

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(178, 36, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 36, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0169, 47.2492, 17.0678 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(178, 36, 43) }
```


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

```
.border{ border-color:rgb(178, 36, 43) }
```

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

Here you see how a box with a 4 pixel rgb(178, 36, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 36, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 36, 43);  
box-shadow:4px 4px 4px 4px rgb(178, 36,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0169, 47.2492, 17.0678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 36, 43) }
```

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

```
.background{ background-color: rgb(178, 36,  
43) }
```

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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