

Converting Colors

HunterLab(33.1450, 58.8456,
5.2637)

Have a look what the booklet for
HunterLab(33.1450, 58.8456,
5.2637) contains.

HunterLab(33.1699, 58.8789, 5.3526)	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(33.1699, 58.8789,
5.3526)**

Conversions

Conversions Part 1	
Format	Color
Hex	B90057
RGB	185, 0, 87
RGB Percent	73%, 0%, 34%
CMY	0.2745, 0.9999, 0.6588
CMYK	0.00, 1.00, 0.53, 0.27
HSL	332°, 100%, 36%
HSV	332°, 100%, 73%
XYZ	21.7279, 11.0024, 9.9954
YIQ	65.2330, 82.3330, 66.2770

Conversions

Conversions Part 2

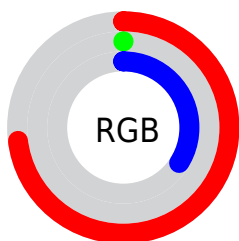
Format	Color
RYB	185, 0, 87
Decimal	12124247
CIELab	39.59, 66.13, 5.62
CIELCh	40, 66.370, 4.854
Yxy	11.0031, 0.5085, 0.2575
Android (android.graphics.Color)	4290314327 (0xFFB90057)
YUV	65.2330, 10.7311, 105.0357
Hunter-Lab	33.1699, 58.8789, 5.3526

Details

The HunterLab color **33.1699, 58.8789, 5.3526** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **59.6494, -45.8670, 24.4592**, and the grayscale version is **23.0225, -1.2284, 1.2509**.

A 20% lighter version of the original color is **52.6671, 63.3803, 7.3412**, and **21.2771, 37.2233, 7.6586** is the 20% darker color. If you saturate the color by 10%, you get **33.1694, 58.8773, 5.3585**, and if you desaturate by 10%, it is **34.0936, 57.5141, 2.4320**.

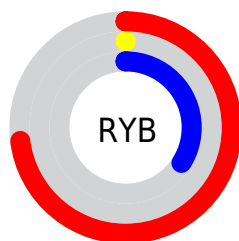
Distribution



Red (73%)

Green (0%)

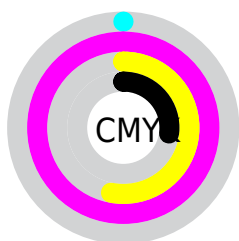
Blue (34%)



Red (73%)

Yellow (0%)

Blue (34%)

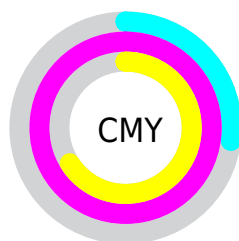


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (27%)



Cyan (27%)




Magenta (100%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1699, 58.8789, 5.3526 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 33.1699, 58.8789, 5.3526 by changing the saturation by 10% instead.

 33.1699, 58.8789, 5.3526	 33.1699, 58.8789, 5.3526
140.6018, 76.1347, 13.6100	 24.6352, 56.6826, 4.5121
 52.5984, 63.3089, 7.0661	 16.9913, 54.7650, 3.6695
 63.3745, 65.4251, 7.9450	 10.3588, 53.8115, 2.8848
 74.8001, 67.4478, 8.8415	0.0000, INF, NaN
	0.0000, INF, NaN
 86.8401, 69.3730, 9.7565	0.0000, NaN, NaN
	0.0000, NaN, NaN
 99.4647, 71.2012, 10.6907	0.0000, NaN, NaN
	0.0000, NaN, NaN
 112.6479, 72.9350,	

11.6443

0.0000, NaN, NaN

126.3670, 74.5781,
12.6174

■ 33.1699, 58.8789,
5.3526

■ 33.1699, 58.8789,
5.3526

■ 33.1694, 58.8773,
5.3585

■ 34.0936, 57.5141,
2.4320

■ 35.6267, 54.4086,
-0.0619

■ 37.9050, 49.3941,
-1.8170

■ 40.8997, 42.9359,
-2.7618

■ 44.5409, 35.5693,
-2.9413

■ 48.7438, 27.7408,
-2.4624

■ 53.4252, 19.7565,
-1.4481

■ 58.5114, 11.7975,
-0.0103

■ 63.9407, 3.9562,
1.7589

Harmonies

Analogous

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



33.1709, 52.0677, -23.2086



33.1699, 58.8789, 5.3526



33.1709, 45.9926, 18.4956

Triad

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



33.1709, 58.8752, 5.3535



33.1709, -24.4911, 21.4968



33.1709, -19.3976, -68.9901

Complementary

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



33.1699, 58.8789, 5.3526



59.6494, -45.8670, 24.4592

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.



33.1709, -32.0874, -35.0091



33.1699, 58.8789, 5.3526



33.1709, -34.3789, 15.6930

Square

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



33.1709, 58.8752, 5.3535



33.1709, -5.6367, 22.9548



33.1709, -36.6932, -2.1835



33.1709, 2.2788, -80.1503

Rectangle

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



33.1699, 58.8789, 5.3526



33.1709, 29.6730, 21.4724



33.1709, -36.6932, -2.1835



33.1709, -24.6297, -59.0611

Sweetspot

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



33.1709, 58.8752, 5.3535



71.1660, 26.9830, -2.0217



24.4307, 56.1680, -95.3530



31.7988, 14.6060, -1.2321



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



33.1709, 58.8752, 5.3535



44.3377, 78.6036, 7.9228



32.2210, 54.6403, 20.8093



30.1341, 1.6175, 0.8827



27.3970, 48.6806, 4.0417



5.2643, 9.5765, -0.9491

Inverse Universe

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



33.1709, 58.8752, 5.3535



44.3377, 78.6036, 7.9228



60.7658, -31.5270, -7.8923



30.1341, 1.6175, 0.8827



27.3970, 48.6806, 4.0417



5.2643, 9.5765, -0.9491

Previews

White Background



This preview shows how the HunterLab color 33.1699, 58.8789, 5.3526 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 33.1699, 58.8789, 5.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

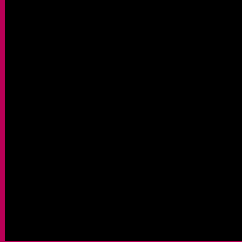
Any Text WCAG AA × Fail

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 33.1699, 58.8789, 5.3526 Background



This preview shows how black text looks on a background with the HunterLab color 33.1699, 58.8789, 5.3526.



This preview shows how white text looks on a background with the HunterLab color 33.1699, 58.8789,

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

33.1699, 58.8789, 5.3526

Protanopia

34.2301, 1.5713, -13.0694

Deuteranopia

34.0563, 2.2175, 8.1462



Tritanopia

33.7414, 48.9696, 18.9893

Trichromacy



Original Color

33.1699, 58.8789, 5.3526



Protanomaly

29.3471, 25.9426, -12.4320



Deuteranomaly

30.2331, 27.2004, 3.4509



Tritanomaly

33.1982, 53.1850, 15.3723

Monochromacy



Original Color

33.1699, 58.8789, 5.3526



Achromatopsia

22.9914, -1.2268, 1.2492



Achromatomaly

23.0611, 23.9049, -1.5772

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1699, 58.8789, 5.3526 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(185, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(185, 0, 87)  
}
```

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(185, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 0, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1699, 58.8789, 5.3526 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(185, 0, 87) }
```


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

```
.border{ border-color:rgb(185, 0, 87) }
```

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

Here you see how a box with a 4 pixel rgb(185, 0, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(185, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1699, 58.8789, 5.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 0, 87) }
```

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

```
.background{ background-color: rgb(185, 0,  
87) }
```

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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