

Converting Colors

HunterLab(33.3808, 59.2173,
5.6658)

Have a look what the booklet for
HunterLab(33.3808, 59.2173,
5.6658) contains.

HunterLab(33.3575, 59.1885, 5.5643)	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(33.3575, 59.1885,
5.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	BA0057
RGB	186, 0, 87
RGB Percent	73%, 0%, 34%
CMY	0.2706, 0.9999, 0.6588
CMYK	0.00, 1.00, 0.53, 0.27
HSL	332°, 100%, 36%
HSV	332°, 100%, 73%
XYZ	21.9700, 11.1272, 10.0067
YIQ	65.5320, 82.9290, 66.4890

Conversions

Conversions Part 2

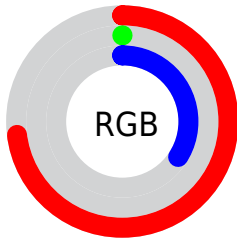
Format	Color
R_{YB}	186, 0, 87
Decimal	12189783
CIE _{Lab}	39.80, 66.36, 5.94
CIE _{LCh}	40, 66.626, 5.117
Yxy	11.1279, 0.5097, 0.2582
Android (android.graphics.Color)	4290379863 (0xFFBA0057)
YUV	65.5320, 10.5837, 105.6504
Hunter-Lab	33.3575, 59.1885, 5.5643

Details

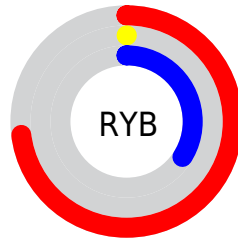
The HunterLab color **33.3575, 59.1885, 5.5643** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **60.0161, -46.1006, 24.5051**, and the grayscale version is **23.1274, -1.2340, 1.2566**.

A 20% lighter version of the original color is **52.8399, 63.7639, 7.5401**, and **21.4541, 37.5200, 7.8232** is the 20% darker color. If you saturate the color by 10%, you get **33.3570, 59.1869, 5.5703**, and if you desaturate by 10%, it is **34.2837, 57.8249, 2.6210**.

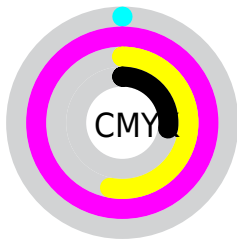
Distribution



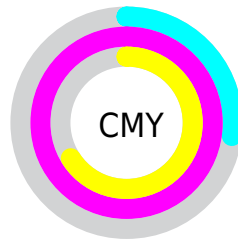
- Red (73%)
- Green (0%)
- Blue (34%)



- 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 33.3575, 59.1885, 5.5643 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 33.3575, 59.1885, 5.5643 by changing the saturation by 10% instead.

■ 33.3575, 59.1885,
5.5643

■ 33.3575, 59.1885,
5.5643

■ 140.9053, 76.4854,
13.9698

■ 24.8051, 56.9879,
4.7005

■ 52.8171, 63.6264,
7.3182

■ 17.1415, 55.0634,
3.8317

■ 63.6072, 65.7468,
8.2150

■ 10.4862, 54.0903,
3.0136

■ 75.0460, 67.7741,
9.1284

0.0000, INF, NaN

0.0000, INF, NaN

■ 87.0986, 69.7040,
10.0594

0.0000, NaN, NaN

■ 99.7351, 71.5369,
11.0088

0.0000, NaN, NaN

■ 112.9298, 73.2756,

0.0000, NaN, NaN

11.9769

0.0000, NaN, NaN

126.6598, 74.9238,
12.9638

■ 33.3575, 59.1885,
5.5643

■ 33.3575, 59.1885,
5.5643

■ 33.3570, 59.1869,
5.5703

■ 34.2837, 57.8249,
2.6210

■ 35.8248, 54.7062,
0.1014

■ 38.1165, 49.6657,
-1.6807

■ 41.1299, 43.1717,
-2.6510

■ 44.7946, 35.7636,
-2.8531

■ 49.0251, 27.8910,
-2.3935

■ 53.7375, 19.8621,
-1.3949

■ 58.8575, 11.8592,
0.0302

■ 64.3229, 3.9752,
1.7894

Harmonies

Analogous

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



33.3585, 52.5116, -23.0311



33.3575, 59.1885, 5.5643



33.3585, 46.0714, 18.6624

Triad

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



33.3585, 59.1847, 5.5652



33.3585, -24.7569, 21.5969



33.3585, -19.3560, -69.6209

Complementary

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



33.3575, 59.1885, 5.5643



60.0161, -46.1006, 24.5051

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.



33.3585, -32.1969, -35.5410



33.3575, 59.1885, 5.5643



33.3585, -34.6269, 15.6894

Square

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



33.3585, 59.1847, 5.5652



33.3585, -5.8742, 23.0712



33.3585, -36.8932, -2.4267



33.3585, 2.5181, -80.5645

Rectangle

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



33.3575, 59.1885, 5.5643



33.3585, 29.6062, 21.6166



33.3585, -36.8932, -2.4267



33.3585, -24.6454, -59.6937

Sweetspot

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



33.3585, 59.1847, 5.5652



72.0073, 27.2972, -1.9624



24.5743, 56.5026, -95.9477



32.5011, 14.9627, -1.2188



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



33.3585, 59.1847, 5.5652



44.8556, 79.4890, 8.2686



32.4147, 54.9723, 20.9344



30.1334, 1.6141, 0.8916



27.3875, 48.6459, 4.1784



5.2626, 9.5702, -0.9245

Inverse Universe

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



33.3585, 59.1847, 5.5652



44.8556, 79.4890, 8.2686



61.1320, -31.7167, -7.9405



30.1334, 1.6141, 0.8916



27.3875, 48.6459, 4.1784



5.2626, 9.5702, -0.9245

Previews

White Background



This preview shows how the HunterLab color 33.3575, 59.1885, 5.5643 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 33.3575, 59.1885, 5.5643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

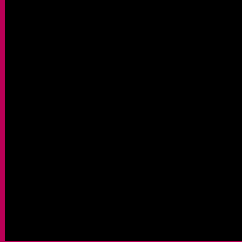
Any Text WCAG AA × Fail

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 33.3575, 59.1885, 5.5643 Background



This preview shows how black text looks on a background with the HunterLab color 33.3575, 59.1885, 5.5643.



This preview shows how white text looks on a background with the HunterLab color 33.3575, 59.1885,

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

33.3575, 59.1885, 5.5643

Protanopia

34.3009, 1.8100, -12.9511

Deuteranopia

34.4063, 2.0850, 8.4906



Tritanopia

33.9233, 49.3283, 19.1219

Trichromacy



Original Color

33.3575, 59.1885, 5.5643

Protanomaly

29.4731, 26.2625, -12.2163

Deuteranomaly

30.3745, 27.5569, 3.6172

Tritanomaly

33.3843, 53.5242, 15.5265

Monochromacy



Original Color

33.3575, 59.1885, 5.5643

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.3781, 23.9462, -1.6059

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3575, 59.1885, 5.5643 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(186, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3575, 59.1885, 5.5643 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(186, 0, 87) }
```


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

```
.border{ border-color:rgb(186, 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(186, 0, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.3575, 59.1885, 5.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 87) }
```

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

```
.background{ background-color: rgb(186, 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](#).

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