

Converting Colors

HunterLab(33.4849, 57.6532,
19.2396)

Have a look what the booklet for
HunterLab(33.4849, 57.6532,
19.2396) contains.

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Color

**HunterLab(33.4375, 57.5746,
19.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0020
RGB	191, 0, 32
RGB Percent	75%, 0%, 13%
CMY	0.2510, 0.9999, 0.8745
CMYK	0.00, 1.00, 0.83, 0.25
HSL	350°, 100%, 37%
HSV	350°, 100%, 75%
XYZ	21.7466, 11.1807, 2.3784
YIQ	60.7570, 103.5640, 50.4440

Conversions

Conversions Part 2

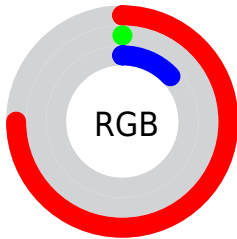
Format	Color
RYB	191, 0, 32
Decimal	12517408
CIELab	39.88, 64.93, 40.44
CIElCh	40, 76.497, 31.917
Yxy	11.1814, 0.6159, 0.3167
Android (android.graphics.Color)	4290707488 (0xFFBF0020)
YUV	60.7570, -14.1772, 114.2231
Hunter-Lab	33.4375, 57.5746, 19.1889

Details

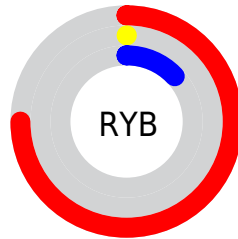
The HunterLab color **33.4375, 57.5746, 19.1889** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **63.0603, -39.8950, 7.3040**, and the grayscale version is **21.5474, -1.1497, 1.1707**.

A 20% lighter version of the original color is **52.8983, 61.5461, 25.8036**, and **21.4224, 36.6865, 13.8426** is the 20% darker color. If you saturate the color by 10%, you get **33.4371, 57.5735, 19.1925**, and if you desaturate by 10%, it is **34.2918, 55.8204, 17.2909**.

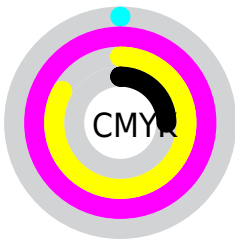
Distribution



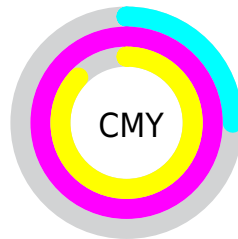
- Red (75%)
- Green (0%)
- Blue (13%)



- Red (75%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4375, 57.5746, 19.1889 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 33.4375, 57.5746, 19.1889 by changing the saturation by 10% instead.

■ 33.4375, 57.5746,
19.1889

■ 33.4375, 57.5746,
19.1889

141.0347, 74.5099,
44.9126

■ 24.8776, 55.3843,
15.5679

■ 52.9104, 61.9500,
25.7731

■ 17.2056, 53.4370,
12.0439

■ 63.7065, 64.0310,
28.8000

■ 10.5407, 52.3570,
7.3785

■ 75.1509, 66.0163,
31.6963

0.0000, INF, NaN

0.0000, INF, NaN

■ 87.2088, 67.9030,
34.4866

0.0000, NaN, NaN

■ 99.8504, 69.6923,
37.1900

0.0000, NaN, NaN

■ 113.0499, 71.3871,


0.0000, NaN, NaN


39.8212


0.0000, NaN, NaN


 126.7847, 72.9916,
42.3922


 33.4375, 57.5746,
19.1889

 33.4375, 57.5746,
19.1889


 33.4371, 57.5735,
19.1925

 34.2918, 55.8204,
17.2909

 35.8409, 52.3561,
15.0252

 38.2242, 47.0645,
12.6925

 41.4041, 40.4691,
10.5083

 45.2955, 33.1406,
8.6103

■ 49.7979, 25.5257,
7.0556

■ 54.8148, 17.9078,
5.8437

■ 60.2630, 10.4367,
4.9447

■ 66.0737, 3.1750,
4.3176

Harmonies

Analogous

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



33.4386, 71.1926, 3.4945



33.4375, 57.5746, 19.1889



33.4386, 27.6514, 23.2489

Triad

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



33.4386, 57.5703, 19.1895



33.4386, -37.3588, 18.1051



33.4386, 0.0410, -101.1266

Complementary

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



33.4375, 57.5746, 19.1889



63.0603, -39.8950, 7.3040

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.



33.4386, -23.6157, -82.7353



33.4375, 57.5746, 19.1889



33.4386, -40.4736, 0.0544

Square

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



33.4386, 57.5703, 19.1895



33.4386, -25.8319, 22.9318



33.4386, -36.4083, -38.3687



33.4386, 31.8553, -77.8401

Rectangle

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



33.4375, 57.5746, 19.1889



33.4386, 6.1585, 23.4070



33.4386, -36.4083, -38.3687



33.4386, -9.0517, -99.5824

Sweetspot

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



33.4386, 57.5703, 19.1895



73.0119, 24.4662, 7.8905



32.9078, 67.7796, -67.3413



32.8407, 13.4987, 4.0009



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



33.4386, 57.5703, 19.1895



44.7222, 76.9524, 26.0746



37.8967, 42.6201, 24.0963



30.9221, 1.2661, 1.9943



27.1218, 46.7296, 15.3342



5.4439, 9.5290, 1.9194

Inverse Universe

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



33.4386, 57.5703, 19.1895



44.7222, 76.9524, 26.0746



44.5734, -8.0930, -38.2394



30.9221, 1.2661, 1.9943



27.1218, 46.7296, 15.3342



5.4439, 9.5290, 1.9194

Previews

White Background



This preview shows how the HunterLab color 33.4375, 57.5746, 19.1889 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 33.4375, 57.5746, 19.1889 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 33.4375, 57.5746, 19.1889 Background



This preview shows how black text looks on a background with the HunterLab color 33.4375, 57.5746, 19.1889.



This preview shows how white text looks on a background with the HunterLab color 33.4375, 57.5746,

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

33.4375, 57.5746, 19.1889

Protanopia

34.4276, -4.1690, 15.7474

Deuteranopia

34.3745, 1.7097, 20.6652



Tritanopia

33.6869, 54.6313, 21.7141

Trichromacy



Original Color

33.4375, 57.5746, 19.1889

Protanomaly

29.9090, 22.2235, 14.0951

Deuteranomaly

30.6235, 26.3466, 18.1385

Tritanomaly

33.4859, 55.5879, 20.9911

Monochromacy



Original Color

33.4375, 57.5746, 19.1889

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.0669, 21.9342, 5.8737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4375, 57.5746, 19.1889 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(191, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 32)  
}
```

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(191, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4375, 57.5746, 19.1889 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(191, 0, 32) }
```


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

```
.border{ border-color:rgb(191, 0, 32) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 32);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.4375, 57.5746, 19.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 32) }
```

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

```
.background{ background-color: rgb(191, 0,  
32) }
```

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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