

Converting Colors

HunterLab(33.8888, 59.1442,
13.3046)

Have a look what the booklet for
HunterLab(33.8888, 59.1442,
13.3046) contains.

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Color

**HunterLab(33.8327, 59.0336,
13.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0040
RGB	191, 0, 64
RGB Percent	75%, 0%, 25%
CMY	0.2510, 0.9999, 0.7490
CMYK	0.00, 1.00, 0.66, 0.25
HSL	340°, 100%, 37%
HSV	340°, 100%, 75%
XYZ	22.4112, 11.4465, 5.8787
YIQ	64.4050, 93.2920, 60.3960

Conversions

Conversions Part 2

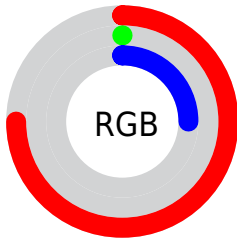
Format	Color
R_{YB}	191, 0, 64
Decimal	12517440
CIE Lab	40.32, 66.12, 21.52
CIE LCh	40, 69.536, 18.026
Yxy	11.4472, 0.5640, 0.2881
Android (android.graphics.Color)	4290707520 (0xFFBF0040)
YUV	64.4050, -0.1997, 111.0238
Hunter-Lab	33.8327, 59.0336, 13.3808

Details

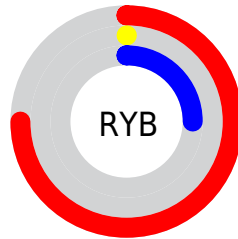
The HunterLab color **33.8327, 59.0336, 13.3808** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **62.2855, -44.6209, 18.4744**, and the grayscale version is **22.7685, -1.2149, 1.2371**.

A 20% lighter version of the original color is **53.2964, 63.5928, 17.2241**, and **21.7462, 37.5256, 11.8468** is the 20% darker color. If you saturate the color by 10%, you get **33.8322, 59.0320, 13.3865**, and if you desaturate by 10%, it is **34.7538, 57.5683, 10.5385**.

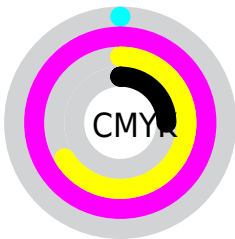
Distribution



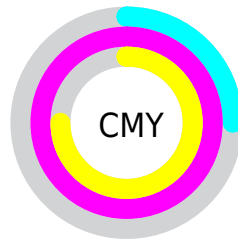
- Red (75%)
- Green (0%)
- Blue (25%)



- Red (75%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8327, 59.0336, 13.3808 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 33.8327, 59.0336, 13.3808 by changing the saturation by 10% instead.

■ 33.8327, 59.0336,
13.3808

■ 33.8327, 59.0336,
13.3808

141.6724, 76.2330,
29.1750

■ 25.2359, 56.8284,
11.3123

■ 53.3706, 63.4567,
17.1940

■ 17.5226, 54.8761,
9.0669

■ 64.1961, 65.5661,
18.9960

■ 10.8102, 53.8027,
7.5672

■ 75.6681, 67.5814,
20.7527

■ 1.8931, 178.9612,
1.3252

■ 87.7523, 69.4991,
22.4757

0.0000, INF, NaN

0.0000, NaN, NaN

■ 100.4189, 71.3199,
24.1736

0.0000, NaN, NaN

■ 113.6424, 73.0466,

0.0000, NaN, NaN

25.8529

0.0000, NaN, NaN

127.4002, 74.6829,
27.5187

■ 33.8327, 59.0336,
13.3808

■ 33.8327, 59.0336,
13.3808

■ 33.8322, 59.0320,
13.3865

■ 34.7538, 57.5683,
10.5385

■ 36.3397, 54.3256,
7.7775

■ 38.7263, 49.1618,
5.4357

■ 41.8794, 42.5750,
3.6698

■ 45.7200, 35.1268,
2.5219

■ 50.1543, 27.2729,
1.9541

■ 55.0914, 19.3162,
1.8904

■ 60.4517, 11.4286,
2.2467

■ 66.1695, 3.6920,
2.9460

Harmonies

Analogous

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



33.8338, 61.2251, -9.4101



33.8327, 59.0336, 13.3808



33.8338, 37.9022, 21.4498

Triad

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



33.8338, 59.0295, 13.3816



33.8338, -31.2225, 20.5927



33.8338, -11.4438, -83.7158

Complementary

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



33.8327, 59.0336, 13.3808



62.2855, -44.6209, 18.4744

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.



33.8338, -28.8787, -54.9064



33.8327, 59.0336, 13.3808



33.8338, -37.8008, 10.2013

Square

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



33.8338, 59.0295, 13.3816



33.8338, -15.7576, 23.2669



33.8338, -37.0948, -16.1329



33.8338, 14.8491, -80.0505

Rectangle

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



33.8327, 59.0336, 13.3808



33.8338, 18.6974, 23.0663



33.8338, -37.0948, -16.1329



33.8338, -18.3556, -76.9586

Sweetspot

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



33.8338, 59.0295, 13.3816



73.3879, 26.3756, 2.5200



28.3893, 61.8600, -84.3637



33.0389, 14.4898, 1.1685



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.



33.8338, 59.0295, 13.3816



45.2328, 78.8382, 18.5650



34.5536, 52.7544, 22.2135



30.9640, 1.4917, 1.3962



27.4516, 47.9465, 10.4917



5.5461, 9.9029, 0.4444

Inverse Universe

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



33.8338, 59.0295, 13.3816



45.2328, 78.8382, 18.5650



54.5231, -22.1229, -20.3897



30.9640, 1.4917, 1.3962



27.4516, 47.9465, 10.4917



5.5461, 9.9029, 0.4444

Previews

White Background



This preview shows how the HunterLab color 33.8327, 59.0336, 13.3808 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 33.8327, 59.0336, 13.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

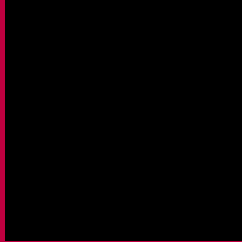
Any Text WCAG AA × Fail

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 33.8327, 59.0336, 13.3808 Background



This preview shows how black text looks on a background with the HunterLab color 33.8327, 59.0336, 13.3808.



This preview shows how white text looks on a background with the HunterLab color 33.8327, 59.0336,

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

33.8327, 59.0336, 13.3808

Protanopia

34.7374, -1.4370, 3.3053

Deuteranopia

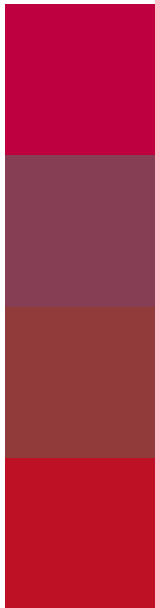
34.6792, 2.1671, 15.2276



Tritanopia

34.2751, 53.3380, 20.6517

Trichromacy



Original Color

33.8327, 59.0336, 13.3808

Protanomaly

30.0937, 24.1889, 2.8439

Deuteranomaly

30.7460, 27.5009, 11.7077

Tritanomaly

33.8939, 55.4174, 18.6478

Monochromacy



Original Color

33.8327, 59.0336, 13.3808

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.9587, 23.1773, 2.0266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8327, 59.0336, 13.3808 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8327, 59.0336, 13.3808 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, 64) }
```


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

```
.border{ border-color:rgb(191, 0, 64) }
```

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, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 64);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8327, 59.0336, 13.3808 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, 64) }
```

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

```
.background{ background-color: rgb(191, 0,  
64) }
```

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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