

Converting Colors

HunterLab(33.3463, 58.1240,
13.6607)

Have a look what the booklet for
HunterLab(33.3463, 58.1240,
13.6607) contains.

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Color

**HunterLab(33.4002, 58.2076,
13.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	BD003D
RGB	189, 0, 61
RGB Percent	74%, 0%, 24%
CMY	0.2588, 0.9999, 0.7608
CMYK	0.00, 1.00, 0.68, 0.26
HSL	341°, 100%, 37%
HSV	341°, 100%, 74%
XYZ	21.8286, 11.1557, 5.4176
YIQ	63.4650, 93.0630, 59.0390

Conversions

Conversions Part 2

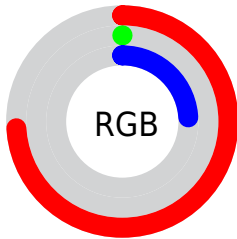
Format	Color
RYB	189, 0, 61
Decimal	12386365
CIELab	39.84, 65.50, 22.72
CIELCh	40, 69.324, 19.131
Yxy	11.1564, 0.5684, 0.2905
Android (android.graphics.Color)	4290576445 (0xFFBD003D)
YUV	63.4650, -1.2152, 110.0942
Hunter-Lab	33.4002, 58.2076, 13.7631

Details

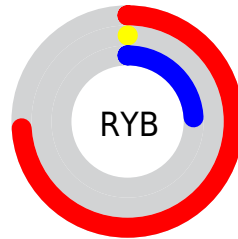
The HunterLab color **33.4002, 58.2076, 13.7631** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **61.6073, -43.7909, 17.5302**, and the grayscale version is **22.4446, -1.1976, 1.2195**.

A 20% lighter version of the original color is **52.8816, 62.5425, 17.7737**, and **21.3601, 36.8162, 11.9695** is the 20% darker color. If you saturate the color by 10%, you get **33.3997, 58.2060, 13.7685**, and if you desaturate by 10%, it is **34.3133, 56.7238, 11.0027**.

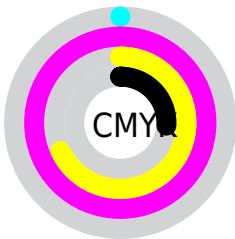
Distribution



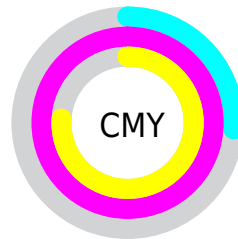
- Red (74%)
- Green (0%)
- Blue (24%)



- Red (74%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4002, 58.2076, 13.7631 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 33.4002, 58.2076, 13.7631 by changing the saturation by 10% instead.

33.4002, 58.2076,
13.7631

33.4002, 58.2076,
13.7631

140.9743, 75.2868,
30.1801

24.8438, 56.0130,
11.5881

52.8669, 62.6081,
17.7550

17.1757, 54.0744,
9.2494

63.6602, 64.7048,
19.6342

10.5153, 53.0365,
7.3607

75.1020, 66.7068,
21.4620

0.0000, INF, NaN

0.0000, INF, NaN

87.1574, 68.6107,
23.2513

0.0000, NaN, NaN

99.7967, 70.4173,
25.0113

0.0000, NaN, NaN

112.9939, 72.1295,

0.0000, NaN, NaN

26.7493

0.0000, NaN, NaN

126.7265, 73.7513,
28.4708

■ 33.4002, 58.2076,
13.7631

■ 33.4002, 58.2076,
13.7631

■ 33.3997, 58.2060,
13.7685

■ 34.3133, 56.7238,
11.0027

■ 35.8833, 53.4980,
8.2887

■ 38.2459, 48.3851,
5.9560

■ 41.3666, 41.8793,
4.1643

■ 45.1670, 34.5343,
2.9624

■ 49.5538, 26.7983,
2.3194

■ 54.4372, 18.9678,
2.1655

■ 59.7385, 11.2105,
2.4212

■ 65.3926, 3.6057,
3.0127

Harmonies

Analogous

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



33.4012, 61.1828, -8.2114



33.4002, 58.2076, 13.7631



33.4012, 36.6711, 21.3428

Triad

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



33.4012, 58.2035, 13.7639



33.4012, -31.3312, 20.1913



33.4012, -10.5246, -83.8905

Complementary

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



33.4002, 58.2076, 13.7631



61.6073, -43.7909, 17.5302

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.



33.4012, -28.1637, -56.0616



33.4002, 58.2076, 13.7631



33.4012, -37.5503, 9.4626

Square

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



33.4012, 58.2035, 13.7639



33.4012, -16.3633, 22.9839



33.4012, -36.5972, -17.3314



33.4012, 15.8244, -78.9087

Rectangle

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



33.4002, 58.2076, 13.7631



33.4012, 17.5092, 22.8946



33.4012, -36.5972, -17.3314



33.4012, -17.4980, -77.5499

Sweetspot

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



33.4012, 58.2035, 13.7639



72.5128, 25.9056, 2.8945



28.4804, 61.6668, -81.5959



32.3201, 14.0616, 1.3543



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.



33.4012, 58.2035, 13.7639



44.6550, 77.7366, 19.0610



34.3899, 51.3622, 22.0884



30.9609, 1.4750, 1.4406



27.4196, 47.8288, 10.9590



5.5387, 9.8757, 0.5510

Inverse Universe

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



33.4012, 58.2035, 13.7639



44.6550, 77.7366, 19.0610



52.8769, -20.5350, -21.7599



30.9609, 1.4750, 1.4406



27.4196, 47.8288, 10.9590



5.5387, 9.8757, 0.5510

Previews

White Background



This preview shows how the HunterLab color 33.4002, 58.2076, 13.7631 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 33.4002, 58.2076, 13.7631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

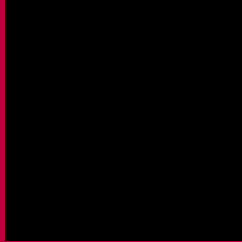
Any Text WCAG AA × Fail

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 33.4002, 58.2076, 13.7631 Background



This preview shows how black text looks on a background with the HunterLab color 33.4002, 58.2076, 13.7631.



This preview shows how white text looks on a background with the HunterLab color 33.4002, 58.2076,

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

33.4002, 58.2076, 13.7631

Protanopia

34.3704, -1.5464, 4.4658

Deuteranopia

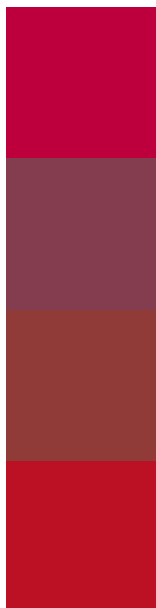
34.2838, 2.0560, 15.5430



Tritanopia

33.8242, 52.8023, 20.5231

Trichromacy



Original Color

33.4002, 58.2076, 13.7631

Protanomaly

29.6775, 23.8235, 3.9261

Deuteranomaly

30.5501, 26.9070, 12.2811

Tritanomaly

33.4504, 54.8185, 18.6133

Monochromacy



Original Color

33.4002, 58.2076, 13.7631

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.6199, 23.0323, 2.3958

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4002, 58.2076, 13.7631 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(189, 0, 61)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 61)  
}
```

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(189, 0, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4002, 58.2076, 13.7631 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(189, 0, 61) }
```


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

```
.border{ border-color:rgb(189, 0, 61) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 61);  
box-shadow:4px 4px 4px 4px rgb(189, 0, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.4002, 58.2076, 13.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 61) }
```

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

```
.background{ background-color: rgb(189, 0,  
61) }
```

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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