

Converting Colors

HunterLab(31.7617, 61.2492,
18.7705)

Have a look what the booklet for
HunterLab(31.7617, 61.2492,
18.7705) contains.

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Color

**HunterLab(33.0051, 56.7483,
19.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	BD001A
RGB	189, 0, 26
RGB Percent	74%, 0%, 10%
CMY	0.2588, 0.9999, 0.8980
CMYK	0.00, 1.00, 0.86, 0.26
HSL	352°, 100%, 37%
HSV	352°, 100%, 74%
XYZ	21.1727, 10.8934, 1.9640
YIQ	59.4750, 104.2980, 48.1540

Conversions

Conversions Part 2

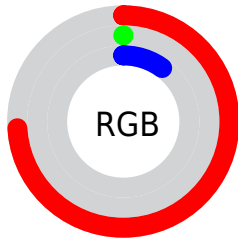
Format	Color
RYB	189, 0, 26
Decimal	12386330
CIELab	39.40, 64.30, 43.07
CIElCh	39, 77.390, 33.814
Yxy	10.8941, 0.6222, 0.3201
Android (android.graphics.Color)	4290576410 (0xFFBD001A)
YUV	59.4750, -16.5032, 113.5934
Hunter-Lab	33.0051, 56.7483, 19.5755

Details

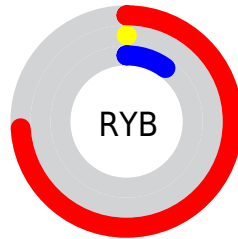
The HunterLab color **33.0051, 56.7483, 19.5755** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **62.4825, -38.4620, 4.9328**, and the grayscale version is **21.1126, -1.1265, 1.1471**.

A 20% lighter version of the original color is **52.4980, 61.2287, 26.6884**, and **21.0609, 36.0675, 13.6091** is the 20% darker color. If you saturate the color by 10%, you get **33.0048, 56.7473, 19.5785**, and if you desaturate by 10%, it is **33.8402, 54.9323, 17.9260**.

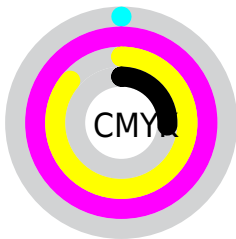
Distribution



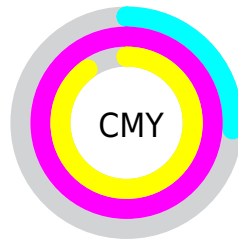
- Red (74%)
- Green (0%)
- Blue (10%)



- Red (74%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0051, 56.7483, 19.5755 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 33.0051, 56.7483, 19.5755 by changing the saturation by 10% instead.

■ 33.0051, 56.7483,
19.5755

■ 33.0051, 56.7483,
19.5755

140.3351, 73.5604,
46.7682

■ 24.4860, 54.5687,
15.8494

■ 52.4062, 61.1005,
26.5672

■ 16.8595, 52.6351,
11.8017

■ 63.1700, 63.1684,
29.7762

■ 10.2471, 51.5903,
7.1730

■ 74.5840, 65.1401,
32.8421

0.0000, INF, NaN

0.0000, INF, NaN

■ 86.6130, 67.0126,
35.7911

0.0000, NaN, NaN

■ 99.2270, 68.7873,
38.6436


0.0000, NaN, NaN


■ 112.4002, 70.4675,


0.0000, NaN, NaN


41.4158


0.0000, NaN, NaN


 126.1096, 72.0571,
44.1205


 33.0051, 56.7483,
19.5755


 33.0051, 56.7483,
19.5755


 33.0048, 56.7473,
19.5785

 33.8402, 54.9323,
17.9260

 35.3640, 51.4455,
15.8442

 37.7169, 46.1732,
13.6109

 40.8613, 39.6385,
11.4414

 44.7124, 32.4066,
9.4850

■ 49.1700, 24.9166,
7.8138

■ 54.1380, 17.4445,
6.4417

■ 59.5334, 10.1340,
5.3500

■ 65.2880, 3.0429,
4.5061

Harmonies

Analogous

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



33.0062, 72.0188, 5.0592



33.0051, 56.7483, 19.5755



33.0062, 25.8618, 23.1043

Triad

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



33.0062, 56.7440, 19.5761



33.0062, -37.7876, 17.4537



33.0062, 1.9371, -102.9105

Complementary

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



33.0051, 56.7483, 19.5755



62.4825, -38.4620, 4.9328

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.



33.0062, -22.5159, -86.6561



33.0051, 56.7483, 19.5755



33.0062, -40.4130, -1.8373

Square

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



33.0062, 56.7440, 19.5761



33.0062, -26.9248, 22.6479



33.0062, -35.9104, -41.9723



33.0062, 34.3272, -76.6982

Rectangle

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



33.0051, 56.7483, 19.5755



33.0062, 4.3110, 23.1043



33.0062, -35.9104, -41.9723



33.0062, -7.4270, -102.3004

Sweetspot

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



33.0062, 56.7440, 19.5761



72.1064, 23.8404, 8.7032



33.4904, 68.3177, -63.3988



32.1087, 13.0038, 4.3765



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.



33.0062, 56.7440, 19.5761



44.1474, 75.8607, 26.5357



38.3868, 39.5164, 24.3440



30.9146, 1.2262, 2.1001



27.0853, 46.5943, 15.8743



5.4254, 9.4610, 2.1892

Inverse Universe

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



33.0062, 56.7440, 19.5761



44.1474, 75.8607, 26.5357



42.1971, -5.0988, -41.7328



30.9146, 1.2262, 2.1001



27.0853, 46.5943, 15.8743



5.4254, 9.4610, 2.1892

Previews

White Background



This preview shows how the HunterLab color 33.0051, 56.7483, 19.5755 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 33.0051, 56.7483, 19.5755 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 33.0051, 56.7483, 19.5755 Background



This preview shows how black text looks on a background with the HunterLab color 33.0051, 56.7483, 19.5755.



This preview shows how white text looks on a background with the HunterLab color 33.0051, 56.7483, 19.5755.

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

33.0051, 56.7483, 19.5755

Protanopia

34.0760, -4.2049, 16.7778

Deuteranopia

33.9811, 1.6050, 20.9671



Tritanopia

33.3051, 53.9423, 21.4668

Trichromacy



Original Color

33.0051, 56.7483, 19.5755

Protanomaly

29.5047, 21.9091, 15.0471

Deuteranomaly

30.2603, 26.1857, 18.5983

Tritanomaly

33.0914, 54.8708, 20.8883

Monochromacy



Original Color

33.0051, 56.7483, 19.5755

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.5769, 21.3909, 6.2802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0051, 56.7483, 19.5755 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, 26)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 26)  
}
```

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, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0051, 56.7483, 19.5755 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, 26) }
```


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

```
.border{ border-color:rgb(189, 0, 26) }
```

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, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 26);  
box-shadow:4px 4px 4px 4px rgb(189, 0, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.0051, 56.7483, 19.5755 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, 26) }
```

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

```
.background{ background-color: rgb(189, 0,  
26) }
```

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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