

Converting Colors

HunterLab(51.8810, 59.8271,
35.3591)

Have a look what the booklet for
HunterLab(51.8810, 59.8271,
35.3591) contains.

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Color

**HunterLab(51.9589, 60.6029,
33.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5000
RGB	255, 80, 0
RGB Percent	100%, 31%, 0%
CMY	0.0000, 0.6862, 1.0000
CMYK	0.00, 0.69, 1.00, 0.00
HSL	19°, 100%, 50%
HSV	19°, 100%, 100%
XYZ	44.1086, 26.9973, 2.8862
YIQ	123.2050, 129.9800, 12.2200

Conversions

Conversions Part 2

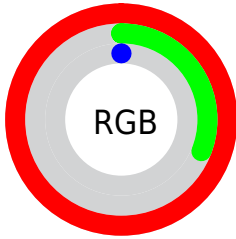
Format	Color
RYB	255, 117, 0
Decimal	16732160
CIELab	58.97, 63.95, 69.63
CIELCh	59, 94.539, 47.435
Yxy	26.9989, 0.5961, 0.3649
Android (android.graphics.Color)	4294922240 (0xFFFF5000)
YUV	123.2050, -60.7401, 115.5842
Hunter-Lab	51.9589, 60.6029, 33.0778

Details

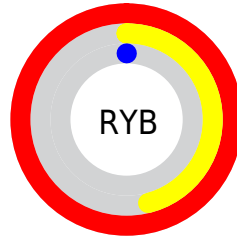
The HunterLab color **51.9589, 60.6029, 33.0778** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **61.5438, -10.8926, -53.4100**, and the grayscale version is **44.7808, -2.3894, 2.4330**.

A 20% lighter version of the original color is **63.1020, 34.6374, 34.7906**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **51.9601, 60.5987, 33.0784**, and if you desaturate by 10%, it is **54.7506, 53.3182, 33.6434**.

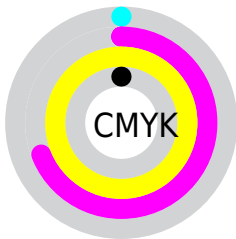
Distribution



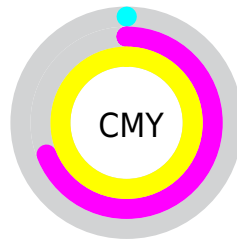
- Red (100%)
- Green (31%)
- Blue (0%)



- Red (100%)
- Yellow (46%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9589, 60.6029, 33.0778 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 51.9589, 60.6029, 33.0778 by changing the saturation by 10% instead.

51.9589, 60.6029,
33.0778

51.9589, 60.6029,
33.0778

169.6030, 75.7630,
71.5625

41.9194, 58.4510,
27.8768

74.0824, 64.6254,
42.7762

32.6243, 56.2525,
22.8370

86.0858, 66.4917,
47.3149

24.1404, 54.0849,
16.8983

98.6753, 68.2599,
51.6796

16.5546, 52.1661,
11.5882

111.8250, 69.9333,
55.8921

9.9891, 51.1674,
6.9924

125.5119, 71.5161,
59.9714

0.0000, INF, NaN

0.0000, INF, NaN

139.7156, 73.0124,

63.9340

0.0000, NaN, NaN

154.4181, 74.4267,
67.7937

0.0000, NaN, NaN

51.9589, 60.6029,
33.0778

51.9589, 60.6029,
33.0778

51.9601, 60.5987,
33.0784

54.7506, 53.3182,
33.6434

58.1056, 45.6760,
33.4078

61.9916, 38.0260,
32.2370

66.3584, 30.5972,
30.1932

71.1539, 23.5285,
27.3821

■ 76.3283, 16.8893,
23.9180

■ 81.8369, 10.7002,
19.9074

■ 87.6401, 4.9520,
15.4416

■ 93.7043, -0.3820,
10.5963

Harmonies

Analogous

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



51.9605, 93.5565, 20.4008



51.9589, 60.6029, 33.0778



51.9605, 15.1498, 35.6221

Triad

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



51.9605, 60.5976, 33.0785



51.9605, -58.7802, 16.4271



51.9605, 22.4973, -127.7782

Complementary

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



51.9589, 60.6029, 33.0778



61.5438, -10.8926, -53.4100

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.



51.9605, -18.5580, -132.4879



51.9589, 60.6029, 33.0778



51.9605, -57.9038, -24.4085

Square

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



51.9605, 60.5976, 33.0785



51.9605, -48.3619, 32.0448



51.9605, -45.4361, -85.8180



51.9605, 67.3663, -75.6451

Rectangle

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



51.9589, 60.6029, 33.0778



51.9605, -12.4126, 35.7394



51.9605, -45.4361, -85.8180



51.9605, 7.6200, -135.8702

Sweetspot

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



51.9605, 60.5976, 33.0785



81.8364, 10.7012, 19.9082



49.4918, 91.2910, -18.6795



36.7691, 6.1328, 10.0207

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.9605, 60.5976, 33.0785



51.9603, 60.5990, 33.0786



80.2780, -0.7769, 49.4532



43.4936, -0.2939, 4.7876



37.8699, 42.9162, 24.0866



12.5778, 11.3153, 7.9485

Inverse Universe

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



61.5438, -10.8926, -53.4100



61.5436, -10.8922, -53.4111



30.9643, 56.6899, -161.0794



44.1174, -4.1913, -0.1026



44.8001, -8.3532, -37.9641



14.6627, -3.6298, -10.4914

Previews

White Background



This preview shows how the HunterLab color 51.9589, 60.6029, 33.0778 looks on a white background.

Color Contrast Check

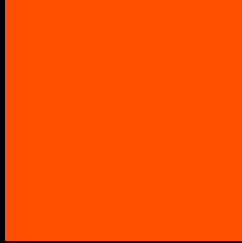
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.9589, 60.6029, 33.0778 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.9589, 60.6029, 33.0778 Background



This preview shows how black text looks on a background with the HunterLab color 51.9589, 60.6029, 33.0778.



This preview shows how white text looks on a background with the HunterLab color 51.9589, 60.6029,

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

51.9589, 60.6029, 33.0778

Protanopia

52.1514, -7.3481, 30.8279

Deuteranopia

51.8764, 2.9950, 32.0185



Tritanopia

51.9693, 64.5518, 24.4948

Trichromacy



Original Color

51.9589, 60.6029, 33.0778

Protanomaly

50.0755, 16.8945, 30.5241

Deuteranomaly

50.5241, 24.1532, 31.5556

Tritanomaly

51.7753, 62.7816, 29.4162

Monochromacy



Original Color

51.9589, 60.6029, 33.0778

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.4110, 16.4420, 18.0312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9589, 60.6029, 33.0778 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(255, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 0)  
}
```

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(255, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9589, 60.6029, 33.0778 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(255, 80, 0) }
```


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

```
.border{ border-color:rgb(255, 80, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 80, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.9589, 60.6029, 33.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 0) }
```

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

```
.background{ background-color: rgb(255, 80,  
0) }
```

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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