

Converting Colors

HunterLab(51.0233, 53.8486,
32.3807)

Have a look what the booklet for
HunterLab(51.0233, 53.8486,
32.3807) contains.

HunterLab(51.0569, 53.9346, 32.4052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.0569, 53.9346,
32.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	F55600
RGB	245, 86, 0
RGB Percent	96%, 34%, 0%
CMY	0.0392, 0.6627, 1.0000
CMYK	0.00, 0.65, 1.00, 0.04
HSL	21°, 100%, 48%
HSV	21°, 100%, 96%
XYZ	40.9840, 26.0681, 2.8716
YIQ	123.7370, 122.3700, 6.9620

Conversions

Conversions Part 2

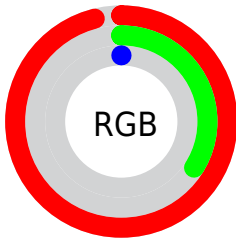
Format	Color
R_{YB}	245, 133, 0
Decimal	16078336
CIE Lab	58.10, 58.33, 68.23
CIE LCh	58, 89.767, 49.470
Yxy	26.0696, 0.5861, 0.3728
Android (android.graphics.Color)	4294268416 (0xFFFF55600)
YUV	123.7370, -61.0023, 106.3477
Hunter-Lab	51.0569, 53.9346, 32.4052

Details

The HunterLab color **51.0569, 53.9346, 32.4052** 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 **56.0241, -6.0312, -57.0052**, and the grayscale version is **44.9913, -2.4006, 2.4445**.

A 20% lighter version of the original color is **64.0216, 32.5741, 35.3887**, and **31.9994, 50.4925, 20.6018** is the 20% darker color. If you saturate the color by 10%, you get **51.0578, 53.9313, 32.4057**, and if you desaturate by 10%, it is **53.8195, 47.0005, 33.0035**.

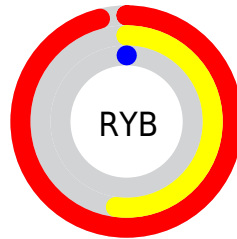
Distribution



Red (96%)

Green (34%)

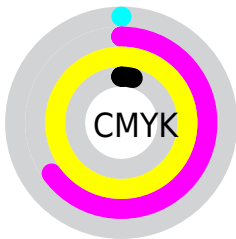
Blue (0%)



Red (96%)

Yellow (52%)

Blue (0%)

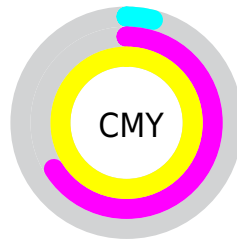


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0569, 53.9346, 32.4052 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 51.0569, 53.9346, 32.4052 by changing the saturation by 10% instead.

51.0569, 53.9346,
32.4052

51.0569, 53.9346,
32.4052

168.2628, 67.6261,
70.3157

41.0801, 51.9240,
27.2700

73.0666, 57.6419,
41.9684

31.8527, 49.8426,
22.2969

85.0175, 59.3430,
46.4401

23.4432, 47.7474,
16.4102

97.5571, 60.9446,
50.7389

15.9405, 45.8131,
11.1584

110.6590, 62.4513,
54.8869

9.4716, 44.6050,
6.6301

124.3000, 63.8681,
58.9034


0.0000, INF, NaN

0.0000, INF, NaN


138.4595, 65.1998,


62.8048


0.0000, NaN, NaN


 153.1193, 66.4510,
66.6049


0.0000, NaN, NaN


 51.0569, 53.9346,
32.4052


 51.0569, 53.9346,
32.4052


 51.0578, 53.9313,
32.4057

 53.8195, 47.0005,
33.0035

 57.0492, 39.9197,
32.8318

 60.7205, 32.9639,
31.7517

 64.7935, 26.2979,
29.8108

 69.2268, 20.0170,
27.0972

73.9812, 14.1638,
23.7108

79.0210, 8.7457,
19.7477

84.3146, 3.7481,
15.2934

89.8346, -0.8562,
10.4207

Harmonies

Analogous

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



51.0584, 85.9884, 20.9372



51.0569, 53.9346, 32.4052



51.0584, 11.3167, 34.7730

Triad

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



51.0584, 53.9297, 32.4059



51.0584, -56.5195, 13.9152



51.0584, 23.9688, -115.6957

Complementary

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



51.0569, 53.9346, 32.4052



56.0241, -6.0312, -57.0052

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.



51.0584, -15.4000, -123.5756



51.0569, 53.9346, 32.4052



51.0584, -54.9519, -26.2255

Square

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



51.0584, 53.9297, 32.4059



51.0584, -47.2255, 30.4513



51.0584, -42.0481, -83.2480



51.0584, 65.4872, -66.1204

Rectangle

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



51.0569, 53.9346, 32.4052



51.0584, -14.1971, 34.7963



51.0584, -42.0481, -83.2480



51.0584, 9.8543, -124.2139

Sweetspot

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



51.0584, 53.9297, 32.4059



82.6603, 9.1886, 20.6955



46.8235, 85.5505, -11.3289



37.1960, 5.3346, 10.4160

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.0584, 53.9297, 32.4059



53.3771, 56.5929, 33.8815



80.4029, -6.8950, 49.4230



41.7541, -0.5012, 4.7077



37.7870, 38.7257, 23.9621



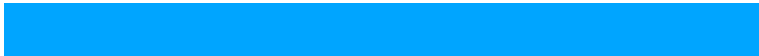
12.0021, 9.3901, 7.5600

Inverse Universe

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



56.0241, -6.0312, -57.0052



58.5702, -6.2162, -59.7886



28.1078, 59.6301, -163.8559



42.0969, -3.7968, -0.2422



41.4467, -4.9493, -41.1206



13.0471, -2.6468, -10.5940

Previews

White Background



This preview shows how the HunterLab color 51.0569, 53.9346, 32.4052 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 51.0569, 53.9346, 32.4052 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 51.0569, 53.9346, 32.4052 Background



This preview shows how black text looks on a background with the HunterLab color 51.0569, 53.9346, 32.4052.



This preview shows how white text looks on a background with the HunterLab color 51.0569, 53.9346,

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

51.0569, 53.9346, 32.4052

Protanopia

51.0837, -6.7428, 30.2921

Deuteranopia

51.1099, 3.1747, 31.5492



Tritanopia

51.1386, 59.9945, 22.8372

Trichromacy



Original Color

51.0569, 53.9346, 32.4052

Protanomaly

49.4141, 14.8339, 30.1202

Deuteranomaly

50.0473, 21.5649, 31.2165

Tritanomaly

50.8768, 57.1496, 28.4254

Monochromacy



Original Color

51.0569, 53.9346, 32.4052

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.7674, 13.9053, 18.0321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0569, 53.9346, 32.4052 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(245, 86, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 86, 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(245, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 86, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0569, 53.9346, 32.4052 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(245, 86, 0) }
```


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

```
.border{ border-color:rgb(245, 86, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 86, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 86, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 86, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 86, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.0569, 53.9346, 32.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 86, 0) }
```

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

```
.background{ background-color: rgb(245, 86,  
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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