

Converting Colors

HunterLab(51.2353, 62.9254,
32.2010)

Have a look what the booklet for
HunterLab(51.2353, 62.9254,
32.2010) contains.

HunterLab(51.1754, 63.1059, 32.1575)	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(51.1754, 63.1059,
32.1575)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A0E
RGB	255, 74, 14
RGB Percent	100%, 29%, 5%
CMY	0.0000, 0.7098, 0.9451
CMYK	0.00, 0.71, 0.95, 0.00
HSL	15°, 100%, 53%
HSV	15°, 95%, 100%
XYZ	43.7680, 26.1892, 3.1636
YIQ	121.2790, 127.1360, 19.7120

Conversions

Conversions Part 2

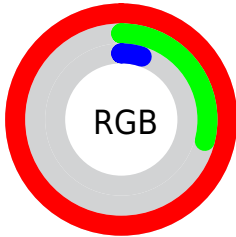
Format	Color
R_{YB}	255, 94, 14
Decimal	16730638
CIE _{Lab}	58.22, 66.21, 66.47
CIE _{LCh}	58, 93.819, 45.115
Yxy	26.1908, 0.5986, 0.3582
Android (android.graphics.Color)	4294920718 (0xFFFF4A0E)
YUV	121.2790, -52.8885, 117.2733
Hunter-Lab	51.1754, 63.1059, 32.1575

Details

The HunterLab color **51.1754, 63.1059, 32.1575** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **68.0723, -20.1551, -40.8082**, and the grayscale version is **44.0017, -2.3478, 2.3907**.

A 20% lighter version of the original color is **62.0403, 37.4882, 33.1883**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **49.8700, 66.7981, 31.8990**, and if you desaturate by 10%, it is **54.0990, 55.5958, 32.1570**.

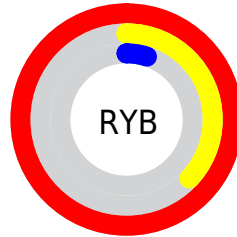
Distribution



Red (100%)

Green (29%)

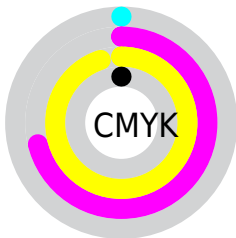
Blue (5%)



Red (100%)

Yellow (37%)

Blue (5%)

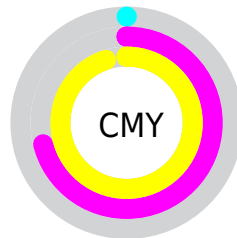


Cyan (0%)

Magenta (71%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1754, 63.1059, 32.1575 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 51.1754, 63.1059, 32.1575 by changing the saturation by 10% instead.

51.1754, 63.1059,
32.1575

51.1754, 63.1059,
32.1575

168.4391, 78.9252,
69.1829

41.1903, 60.8947,
27.1362

73.2001, 67.2687,
41.4957

31.9540, 58.6543,
22.3678

85.1580, 69.2095,
45.8605

23.5346, 56.4803,
16.4742

97.7042, 71.0530,
50.0569

16.0210, 54.6371,
11.2147

110.8124, 72.8017,
54.1070

9.5392, 53.9441,
6.6775

124.4594, 74.4592,
58.0297

0.0000, INF, NaN

0.0000, INF, NaN


138.6248, 76.0296,


61.8412


0.0000, NaN, NaN


 153.2902, 77.5169,
65.5550


0.0000, NaN, NaN


 51.1754, 63.1059,
32.1575


 51.1754, 63.1059,
32.1575


 49.8700, 66.7981,
31.8990

 54.0990, 55.5958,
32.1570

 57.7054, 47.5640,
31.2517

 61.9386, 39.4054,
29.4893

 66.7307, 31.4035,
26.9877

 72.0131, 23.7294,
23.8808

■ 77.7226, 16.4675,
20.2910

■ 83.8039, 9.6433,
16.3201

■ 90.2094, 3.2466,
12.0476

■ 96.8993, -2.7517,
7.5343

Harmonies

Analogous

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



51.1769, 93.8654, 18.3432



51.1754, 63.1059, 32.1575



51.1769, 18.4047, 35.0378

Triad

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



51.1769, 63.1005, 32.1582



51.1769, -57.6131, 18.1574



51.1769, 18.7490, -128.7413

Complementary

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



51.1754, 63.1059, 32.1575



68.0723, -20.1551, -40.8082

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.



51.1769, -20.9150, -128.9625



51.1754, 63.1059, 32.1575



51.1769, -57.5722, -20.0176

Square

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



51.1769, 63.1005, 32.1582



51.1769, -46.3910, 32.1102



51.1769, -46.2543, -80.0810



51.1769, 63.4180, -79.6034

Rectangle

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



51.1754, 63.1059, 32.1575



51.1769, -9.3682, 35.2625



51.1769, -46.2543, -80.0810



51.1769, 4.2575, -135.3157

Sweetspot

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



51.1769, 63.1005, 32.1582



81.6421, 11.9763, 17.7444



50.6820, 93.3158, -30.1801



36.5614, 6.9088, 8.9983

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.1769, 63.1005, 32.1582



49.8702, 66.7985, 31.8992



76.4440, 6.0723, 46.8884



43.2686, 0.0913, 4.5413



36.3208, 47.4599, 23.2116



12.0354, 12.7767, 7.6398

Inverse Universe

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



68.0723, -20.1551, -40.8082



66.8590, -18.7797, -43.0280



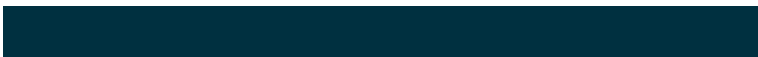
35.7775, 42.0345, -133.9994



44.3511, -4.5689, 0.1782



48.5863, -13.9426, -30.6306



15.7196, -5.1375, -8.5578

Previews

White Background



This preview shows how the HunterLab color 51.1754, 63.1059, 32.1575 looks on a white background.

Color Contrast Check

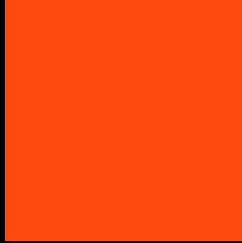
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1754, 63.1059, 32.1575 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 51.1754, 63.1059, 32.1575 Background



This preview shows how black text looks on a background with the HunterLab color 51.1754, 63.1059, 32.1575.



This preview shows how white text looks on a background with the HunterLab color 51.1754, 63.1059,

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

51.1754, 63.1059, 32.1575

Protanopia

51.4034, -7.0107, 29.9757

Deuteranopia

51.1099, 3.1747, 31.5492



Tritanopia

51.2323, 66.0694, 25.4311

Trichromacy



Original Color

51.1754, 63.1059, 32.1575

Protanomaly

49.1225, 17.7037, 29.4689

Deuteranomaly

49.5766, 24.8502, 30.8122

Tritanomaly

51.1299, 64.7501, 28.8723

Monochromacy



Original Color

51.1754, 63.1059, 32.1575

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.6530, 17.8636, 16.3694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1754, 63.1059, 32.1575 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, 74, 14)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 14)  
}
```

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, 74, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1754, 63.1059, 32.1575 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, 74, 14) }
```


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

```
.border{ border-color:rgb(255, 74, 14) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 14);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
14) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1754, 63.1059, 32.1575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 14) }
```

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

```
.background{ background-color: rgb(255, 74,  
14) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor