

Converting Colors

HunterLab(51.3594, 52.2020,
32.5613)

Have a look what the booklet for
HunterLab(51.3594, 52.2020,
32.5613) contains.

HunterLab(51.3594, 52.2020, 32.5613)	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(51.3594, 52.2020,
32.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	F45900
RGB	244, 89, 0
RGB Percent	96%, 35%, 0%
CMY	0.0431, 0.6509, 1.0000
CMYK	0.00, 0.64, 1.00, 0.04
HSL	22°, 100%, 48%
HSV	22°, 100%, 96%
XYZ	40.8806, 26.3779, 2.9368
YIQ	125.1990, 120.9490, 5.1810

Conversions

Conversions Part 2

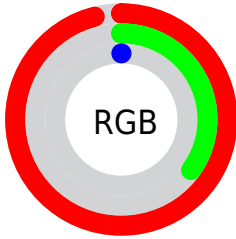
Format	Color
R_{YB}	244, 140, 0
Decimal	16013568
CIE _{Lab}	58.40, 56.76, 68.29
CIE _{LCh}	58, 88.793, 50.268
Yxy	26.3794, 0.5824, 0.3758
Android (android.graphics.Color)	4294203648 (0xFFFF45900)
YUV	125.1990, -61.7231, 104.1885
Hunter-Lab	51.3594, 52.2020, 32.5613

Details

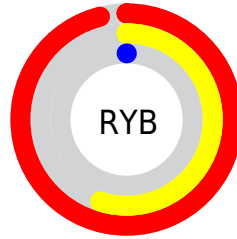
The HunterLab color **51.3594, 52.2020, 32.5613** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **54.7470, -4.3535, -59.0308**, and the grayscale version is **45.5658, -2.4313, 2.4757**.

A 20% lighter version of the original color is **64.7244, 31.0217, 35.8448**, and **32.2711, 48.6511, 20.7370** is the 20% darker color. If you saturate the color by 10%, you get **51.3604, 52.1986, 32.5618**, and if you desaturate by 10%, it is **54.1333, 45.3372, 33.1795**.

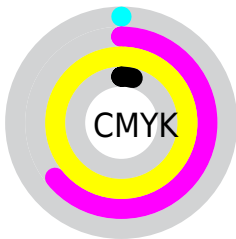
Distribution



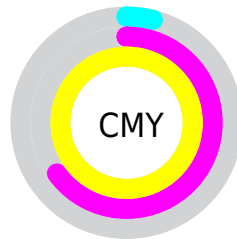
- Red (96%)
- Green (35%)
- Blue (0%)



- Red (96%)
- Yellow (55%)
- Blue (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)
- Black (4%)



- Cyan (4%)
- Magenta (65%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3594, 52.2020, 32.5613 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 51.3594, 52.2020, 32.5613 by changing the saturation by 10% instead.

51.3594, 52.2020,
32.5613

51.3594, 52.2020,
32.5613

168.7127, 65.4236,
70.4607

41.3615, 50.2392,
27.4297

73.4074, 55.8049,
42.1185

32.1112, 48.1977,
22.4779

85.3759, 57.4524,
46.5882

23.6767, 46.1262,
16.5737

97.9324, 59.0005,
50.8855

16.1460, 44.1782,
11.3022

111.0503, 60.4541,
55.0326

9.6444, 42.8534,
6.7511

124.7067, 61.8184,
59.0485

0.0000, INF, NaN

0.0000, INF, NaN

138.8812, 63.0983,

62.9496

0.0000, NaN, NaN

153.5553, 64.2986,
66.7497

0.0000, NaN, NaN

51.3594, 52.2020,
32.5613

51.3594, 52.2020,
32.5613

51.3604, 52.1986,
32.5618

54.1333, 45.3372,
33.1795

57.3481, 38.3857,
33.0278

60.9809, 31.5979,
31.9661

64.9945, 25.1215,
30.0370

69.3506, 19.0402,
27.3242

■ 74.0129, 13.3898,
23.9238

■ 78.9480, 8.1741,
19.9292

■ 84.1266, 3.3769,
15.4249

■ 89.5229, -1.0290,
10.4836

Harmonies

Analogous

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



51.3609, 84.3253, 21.3864



51.3594, 52.2020, 32.5613



51.3609, 10.0740, 34.8900

Triad

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



51.3609, 52.1972, 32.5620



51.3609, -56.3876, 13.1263



51.3609, 24.8145, -112.8251

Complementary

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



51.3594, 52.2020, 32.5613



54.7470, -4.3535, -59.0308

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.



51.3609, -14.4151, -121.9075



51.3594, 52.2020, 32.5613



51.3609, -54.5356, -27.2355

Square

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



51.3609, 52.1972, 32.5620



51.3609, -47.3981, 30.2067



51.3609, -41.3055, -83.3539



51.3609, 65.6202, -63.5655

Rectangle

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



51.3594, 52.2020, 32.5613



51.3609, -15.0201, 34.8783



51.3609, -41.3055, -83.3539



51.3609, 10.8074, -121.5907

Sweetspot

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



51.3609, 52.1972, 32.5620



82.9655, 8.6323, 20.9856



46.6073, 85.1569, -11.2861



37.3543, 5.0410, 10.5618

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3609, 52.1972, 32.5620



53.9372, 55.0498, 34.1996



80.0329, -6.8670, 49.1956



41.7998, -0.5790, 4.7574



38.1846, 37.6442, 24.1882



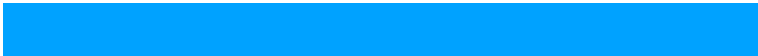
12.1247, 9.0858, 7.6303

Inverse Universe

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



54.7470, -4.3535, -59.0308



57.4923, -4.4669, -62.2177



27.9826, 59.3348, -163.0620



42.0499, -3.7203, -0.2991



40.7017, -3.7506, -42.7771



12.8500, -2.3468, -10.9953

Previews

White Background



This preview shows how the HunterLab color 51.3594, 52.2020, 32.5613 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 51.3594, 52.2020, 32.5613 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 51.3594, 52.2020, 32.5613 Background



This preview shows how black text looks on a background with the HunterLab color 51.3594, 52.2020, 32.5613.



This preview shows how white text looks on a background with the HunterLab color 51.3594, 52.2020,

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

51.3594, 52.2020, 32.5613

Protanopia

51.4693, -6.8426, 30.5359

Deuteranopia

51.4929, 3.0849, 31.7837



Tritanopia

51.4625, 58.6049, 22.1002

Trichromacy



Original Color

51.3594, 52.2020, 32.5613

Protanomaly

49.9035, 13.8531, 30.4104

Deuteranomaly

50.5108, 20.5757, 31.4847

Tritanomaly

51.1811, 55.5826, 28.1764

Monochromacy



Original Color

51.3594, 52.2020, 32.5613

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.2685, 13.0125, 18.1819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3594, 52.2020, 32.5613 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(244, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 89, 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(244, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 89, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3594, 52.2020, 32.5613 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(244, 89, 0) }
```


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

```
.border{ border-color:rgb(244, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.3594, 52.2020, 32.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 89, 0) }
```

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

```
.background{ background-color: rgb(244, 89,  
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](#).

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