

Converting Colors

HunterLab(52.3694, 55.6011,
33.2401)

Have a look what the booklet for
HunterLab(52.3694, 55.6011,
33.2401) contains.

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Color

**HunterLab(52.4296, 55.5751,
33.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5800
RGB	251, 88, 0
RGB Percent	98%, 35%, 0%
CMY	0.0157, 0.6549, 1.0000
CMYK	0.00, 0.65, 1.00, 0.02
HSL	21°, 100%, 49%
HSV	21°, 100%, 98%
XYZ	43.2733, 27.4886, 3.0251
YIQ	126.7050, 125.3960, 7.1880

Conversions

Conversions Part 2

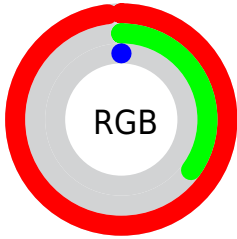
Format	Color
R_{YB}	251, 136, 0
Decimal	16472064
CIE _{Lab}	59.43, 59.54, 69.47
CIE _{LCh}	59, 91.492, 49.400
Yxy	27.4902, 0.5864, 0.3725
Android (android.graphics.Color)	4294662144 (0xFFFB5800)
YUV	126.7050, -62.4656, 109.0067
Hunter-Lab	52.4296, 55.5751, 33.2798

Details

The HunterLab color **52.4296, 55.5751, 33.2798** 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 **57.5822, -6.1950, -58.5992**, and the grayscale version is **46.1573, -2.4628, 2.5078**.

A 20% lighter version of the original color is **64.4980, 31.5843, 35.5582**, and **33.0561, 51.8453, 21.2767** is the 20% darker color. If you saturate the color by 10%, you get **52.4306, 55.5715, 33.2804**, and if you desaturate by 10%, it is **55.2655, 48.4400, 33.9093**.

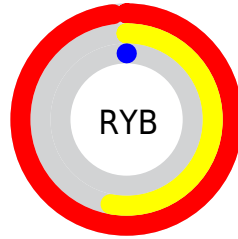
Distribution



Red (98%)

Green (35%)

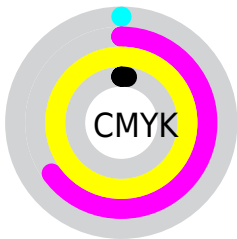
Blue (0%)



Red (98%)

Yellow (53%)

Blue (0%)

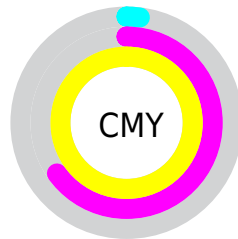


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4296, 55.5751, 33.2798 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 52.4296, 55.5751, 33.2798 by changing the saturation by 10% instead.

52.4296, 55.5751,
33.2798

52.4296, 55.5751,
33.2798

170.3006, 69.4955,
71.6237

42.3577, 53.5428,
28.0999

74.6120, 59.3290,
42.9380

33.0275, 51.4404,
23.1193

86.6425, 61.0549,
47.4588

24.5054, 49.3221,
17.1537

99.2579, 62.6820,
51.8069

16.8766, 47.3509,
11.8136

112.4323, 64.2147,
56.0041

10.2616, 46.0359,
7.1831

126.1430, 65.6578,
60.0693

0.0000, INF, NaN

0.0000, INF, NaN


140.3697, 67.0159,


64.0188


0.0000, NaN, NaN


 155.0943, 68.2938,
67.8663

0.0000, NaN, NaN


 52.4296, 55.5751,
33.2798


 52.4296, 55.5751,
33.2798


 52.4306, 55.5715,
33.2804

 55.2655, 48.4400,
33.9093

 58.5841, 41.1495,
33.7422

 62.3590, 33.9842,
32.6391

 66.5488, 27.1158,
30.6485

 71.1108, 20.6431,
27.8614

■ 76.0043, 14.6109,
24.3809

■ 81.1925, 9.0271,
20.3062

■ 86.6427, 3.8766,
15.7256

■ 92.3264, -0.8684,
10.7144

Harmonies

Analogous

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



52.4311, 88.5019, 21.4700



52.4296, 55.5751, 33.2798



52.4311, 11.7423, 35.7114

Triad

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



52.4311, 55.5701, 33.2805



52.4311, -58.0821, 14.3685



52.4311, 24.5487, -119.1378

Complementary

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



52.4296, 55.5751, 33.2798



57.5822, -6.1950, -58.5992

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.



52.4311, -15.9127, -127.1215



52.4296, 55.5751, 33.2798



52.4311, -56.4973, -26.8524

Square

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



52.4311, 55.5701, 33.2805



52.4311, -48.5052, 31.3081



52.4311, -43.2695, -85.5226



52.4311, 67.2718, -68.1730

Rectangle

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



52.4296, 55.5751, 33.2798



52.4311, -14.5106, 35.7377



52.4311, -43.2695, -85.5226



52.4311, 10.0372, -127.8665

Sweetspot

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



52.4311, 55.5701, 33.2805



82.6510, 9.2056, 20.6866



48.1237, 87.9187, -11.5851



37.1911, 5.3436, 10.4115

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.4311, 55.5701, 33.2805



53.3603, 56.6397, 33.8719



82.6280, -7.0628, 50.7912



42.6856, -0.5059, 4.8167



38.3354, 39.4005, 24.3119



12.4571, 9.9173, 7.8496

Inverse Universe

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



57.5822, -6.1950, -58.5992



58.6034, -6.2697, -59.7148



28.8604, 61.4084, -168.6354



43.0398, -3.8874, -0.2516



42.0860, -5.0329, -41.7392



13.5621, -2.7037, -11.1149

Previews

White Background



This preview shows how the HunterLab color 52.4296, 55.5751, 33.2798 looks on a white background.

Color Contrast Check

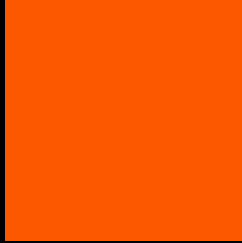
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4296, 55.5751, 33.2798 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 52.4296, 55.5751, 33.2798 Background



This preview shows how black text looks on a background with the HunterLab color 52.4296, 55.5751, 33.2798.



This preview shows how white text looks on a background with the HunterLab color 52.4296, 55.5751,

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

52.4296, 55.5751, 33.2798

Protanopia

52.6331, -7.1195, 31.2068

Deuteranopia

52.3756, 3.2923, 32.3313



Tritanopia

52.5253, 61.7036, 23.5081

Trichromacy



Original Color

52.4296, 55.5751, 33.2798

Protanomaly

50.9167, 14.5144, 31.0112

Deuteranomaly

51.2986, 21.7510, 31.9907

Tritanomaly

52.2608, 58.8446, 29.1325

Monochromacy



Original Color

52.4296, 55.5751, 33.2798

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.0163, 14.1345, 18.5724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.4296, 55.5751, 33.2798 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(251, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(251, 88, 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(251, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 88, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.4296, 55.5751, 33.2798 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(251, 88, 0) }
```


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

```
.border{ border-color:rgb(251, 88, 0) }
```

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

Here you see how a box with a 4 pixel rgb(251, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(251, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 52.4296, 55.5751, 33.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 88, 0) }
```

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

```
.background{ background-color: rgb(251, 88,  
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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