

Converting Colors

HunterLab(51.5859, 49.8119,
32.6590)

Have a look what the booklet for
HunterLab(51.5859, 49.8119,
32.6590) contains.

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Color

**HunterLab(51.5088, 50.0193,
32.6151)**

Conversions

Conversions Part 1

Format	Color
Hex	F25C00
RGB	242, 92, 0
RGB Percent	95%, 36%, 0%
CMY	0.0510, 0.6392, 1.0000
CMYK	0.00, 0.62, 1.00, 0.05
HSL	23°, 100%, 47%
HSV	23°, 100%, 95%
XYZ	40.4451, 26.5316, 2.9895
YIQ	126.3620, 118.9320, 3.1880

Conversions

Conversions Part 2

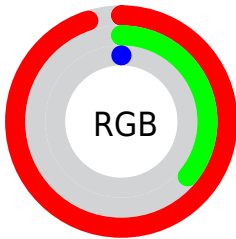
Format	Color
R_{YB}	242, 148, 0
Decimal	15883264
CIE _{Lab}	58.54, 54.79, 68.18
CIE _{LCh}	59, 87.465, 51.214
Yxy	26.5331, 0.5781, 0.3792
Android (android.graphics.Color)	4294073344 (0xFFFF25C00)
YUV	126.3620, -62.2965, 101.4145
Hunter-Lab	51.5088, 50.0193, 32.6151

Details

The HunterLab color **51.5088, 50.0193, 32.6151** 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 **53.1247, -2.4737, -61.0608**, and the grayscale version is **46.0239, -2.4557, 2.5006**.

A 20% lighter version of the original color is **65.2080, 30.0294, 36.0201**, and **32.3030, 46.6660, 20.7219** is the 20% darker color. If you saturate the color by 10%, you get **51.5096, 50.0165, 32.6156**, and if you desaturate by 10%, it is **54.2782, 43.2776, 33.2473**.

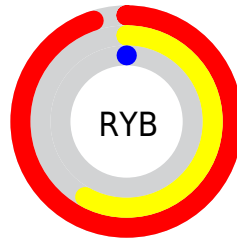
Distribution



Red (95%)

Green (36%)

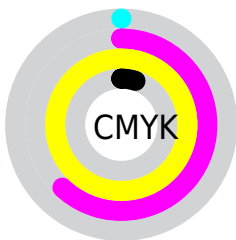
Blue (0%)



Red (95%)

Yellow (58%)

Blue (0%)

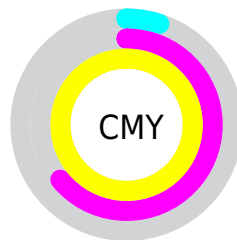


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5088, 50.0193, 32.6151 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 51.5088, 50.0193, 32.6151 by changing the saturation by 10% instead.

51.5088, 50.0193,
32.6151

51.5088, 50.0193,
32.6151

168.9347, 62.6655,
70.4419

41.5005, 48.1162,
27.4938

73.5756, 53.4937,
42.1525

32.2390, 46.1265,
22.5673

85.5529, 55.0756,
46.6131

23.7921, 44.0900,
16.6545

98.1176, 56.5582,
50.9019

16.2476, 42.1399,
11.3733

111.2435, 57.9468,
55.0411

9.7301, 40.7146,
6.8110

124.9075, 59.2470,
59.0495

0.0000, INF, NaN

0.0000, INF, NaN


139.0892, 60.4637,


62.9436


0.0000, NaN, NaN


 153.7705, 61.6018,
66.7371


0.0000, NaN, NaN


 51.5088, 50.0193,
32.6151


 51.5088, 50.0193,
32.6151


 51.5096, 50.0165,
32.6156

 54.2782, 43.2776,
33.2473

 57.4587, 36.5101,
33.1139

 61.0299, 29.9437,
32.0731

 64.9580, 23.7084,
30.1625

 69.2081, 17.8757,
27.4600

■ 73.7470, 12.4746,
24.0571

■ 78.5442, 7.5054,
20.0442

■ 83.5726, 2.9506,
15.5037

■ 88.8084, -1.2169,
10.5079

Harmonies

Analogous

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



51.5103, 82.0981, 21.8179



51.5088, 50.0193, 32.6151



51.5103, 8.6101, 34.8901

Triad

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



51.5103, 50.0146, 32.6158



51.5103, -56.0111, 12.1337



51.5103, 25.7023, -109.1388

Complementary

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



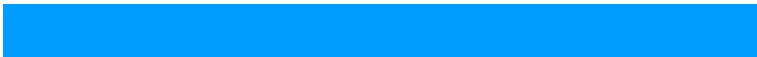
51.5088, 50.0193, 32.6151



53.1247, -2.4737, -61.0608

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.



51.5103, -13.2059, -119.5402



51.5088, 50.0193, 32.6151



51.5103, -53.8296, -28.3105

Square

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



51.5103, 50.0146, 32.6158



51.5103, -47.4145, 29.7789



51.5103, -40.2689, -83.1592



51.5103, 65.5230, -60.4340

Rectangle

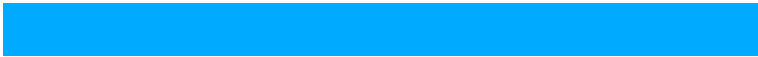
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.5088, 50.0193, 32.6151



51.5103, -15.9093, 34.8357



51.5103, -40.2689, -83.1592



51.5103, 11.8764, -118.1469

Sweetspot

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



51.5103, 50.0146, 32.6158



83.3090, 8.0089, 21.3112



46.0283, 83.8399, -9.1399



37.5326, 4.7121, 10.7254

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.5103, 50.0146, 32.6158



54.5892, 53.2807, 34.5704



80.5226, -8.7982, 49.4635



40.9192, -0.6550, 4.7004



38.0745, 35.8030, 24.0881



11.7988, 8.2587, 7.4150

Inverse Universe

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



53.1247, -2.4737, -61.0608



56.2951, -2.4868, -64.9956



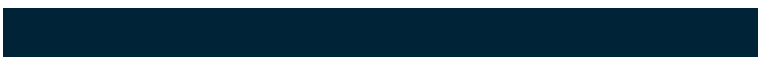
27.3104, 60.3829, -164.4840



41.0617, -3.5506, -0.3488



39.2847, -2.3898, -43.9435



12.1456, -1.9936, -10.8774

Previews

White Background



This preview shows how the HunterLab color 51.5088, 50.0193, 32.6151 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 51.5088, 50.0193, 32.6151 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 51.5088, 50.0193, 32.6151 Background



This preview shows how black text looks on a background with the HunterLab color 51.5088, 50.0193, 32.6151.



This preview shows how white text looks on a background with the HunterLab color 51.5088, 50.0193,

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

51.5088, 50.0193, 32.6151

Protanopia

51.7522, -7.3183, 30.7713

Deuteranopia

51.4929, 3.0849, 31.7837



Tritanopia

51.6178, 56.7225, 21.4310

Trichromacy



Original Color

51.5088, 50.0193, 32.6151

Protanomaly

50.2679, 12.4532, 30.6598

Deuteranomaly

50.6075, 19.6647, 31.5283

Tritanomaly

51.3221, 53.5354, 27.9372

Monochromacy



Original Color

51.5088, 50.0193, 32.6151

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.7588, 12.0368, 18.5734

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5088, 50.0193, 32.6151 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(242, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 92, 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(242, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 92, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5088, 50.0193, 32.6151 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(242, 92, 0) }
```


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

```
.border{ border-color:rgb(242, 92, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 92, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.5088, 50.0193, 32.6151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 92, 0) }
```

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

```
.background{ background-color: rgb(242, 92,  
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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