

Converting Colors

HunterLab(53.0314, 50.3120,
33.5606)

Have a look what the booklet for
HunterLab(53.0314, 50.3120,
33.5606) contains.

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Color

**HunterLab(53.0471, 50.3142,
33.5682)**

Conversions

Conversions Part 1

Format	Color
Hex	F76000
RGB	247, 96, 0
RGB Percent	97%, 38%, 0%
CMY	0.0314, 0.6235, 1.0000
CMYK	0.00, 0.61, 1.00, 0.03
HSL	23°, 100%, 48%
HSV	23°, 100%, 97%
XYZ	42.5407, 28.1399, 3.1894
YIQ	130.2050, 120.8120, 2.1560

Conversions

Conversions Part 2

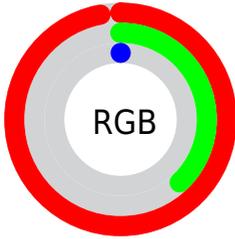
Format	Color
R_{YB}	247, 157, 0
Decimal	16211968
CIE _{Lab}	60.02, 54.81, 69.41
CIE _{LCh}	60, 88.440, 51.703
Yxy	28.1416, 0.5759, 0.3809
Android (android.graphics.Color)	4294402048 (0xFFFF76000)
YUV	130.2050, -64.1911, 102.4292
Hunter-Lab	53.0471, 50.3142, 33.5682

Details

The HunterLab color **53.0471, 50.3142, 33.5682** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **53.7095, -1.4197, -64.0672**, and the grayscale version is **47.5409, -2.5367, 2.5830**.

A 20% lighter version of the original color is **66.1804, 27.9968, 36.5129**, and **33.6620, 47.0636, 21.5663** is the 20% darker color. If you saturate the color by 10%, you get **53.0480, 50.3110, 33.5687**, and if you desaturate by 10%, it is **55.8889, 43.4457, 34.2409**.

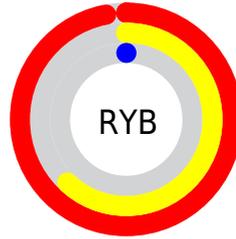
Distribution



Red (97%)

Green (38%)

Blue (0%)



Red (97%)

Yellow (62%)

Blue (0%)

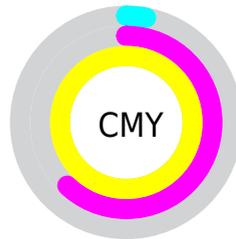


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0471, 50.3142, 33.5682 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 53.0471, 50.3142, 33.5682 by changing the saturation by 10% instead.

 53.0471, 50.3142,
33.5682

 53.0471, 50.3142,
33.5682

171.2141, 62.8458,
71.8043

 42.9330, 48.4255,
28.4064

 75.3063, 53.7584,
43.1930

 33.5572, 46.4469,
23.4901

 87.3721, 55.3260,
47.6995

 24.9852, 44.4119,
17.4896

 100.0212, 56.7950,
52.0348

 17.3007, 42.4333,
12.1105

 113.2280, 58.1709,
56.2205

 10.6215, 40.8746,
7.4350

 126.9697, 59.4591,
60.2754

 0.4265, 603.7992,
0.2985

 141.2263, 60.6646,

0.0000, INF, NaN

64.2155

0.0000, NaN, NaN

 155.9799, 61.7920,
68.0546

0.0000, NaN, NaN

 53.0471, 50.3142,
33.5682

 53.0471, 50.3142,
33.5682

 53.0480, 50.3110,
33.5687

 55.8889, 43.4457,
34.2409

 59.1391, 36.5804,
34.1232

 62.7778, 29.9396,
33.0712

 66.7720, 23.6492,
31.1201

 71.0875, 17.7771,
28.3472

■ 75.6916, 12.3502,
24.8442

■ 80.5545, 7.3671,
20.7027

■ 85.6492, 2.8093,
16.0070

■ 90.9523, -1.3512,
10.8311

Harmonies

Analogous

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



53.0486, 83.2802, 22.6591



53.0471, 50.3142, 33.5682



53.0486, 8.0989, 35.8777

Triad

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



53.0486, 50.3094, 33.5689



53.0486, -57.4026, 11.9498



53.0486, 26.8956, -110.3499

Complementary

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



53.0471, 50.3142, 33.5682



53.7095, -1.4197, -64.0672

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.



53.0486, -12.9463, -121.7170



53.0471, 50.3142, 33.5682



53.0486, -54.9845, -29.6780

Square

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



53.0486, 50.3094, 33.5689



53.0486, -48.7686, 30.3896



53.0486, -40.8655, -85.4207



53.0486, 67.3334, -60.5504

Rectangle

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



53.0471, 50.3142, 33.5682



53.0486, -16.8209, 35.7971



53.0486, -40.8655, -85.4207



53.0486, 12.7727, -119.7357

Sweetspot

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



53.0486, 50.3094, 33.5689



83.4990, 7.6652, 21.4909



46.9591, 85.2679, -7.2503



37.6312, 4.5308, 10.8158

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.0486, 50.3094, 33.5689



54.9597, 52.2883, 34.7813



83.6732, -11.0136, 51.3661



41.8793, -0.7142, 4.8439



38.9084, 35.7140, 24.6004



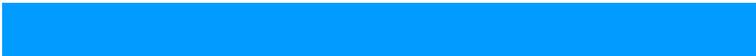
12.3446, 8.5503, 7.7564

Inverse Universe

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



53.7095, -1.4197, -64.0672



55.6399, -1.3858, -66.5534



27.5416, 63.4291, -171.3490



41.9680, -3.5870, -0.3982



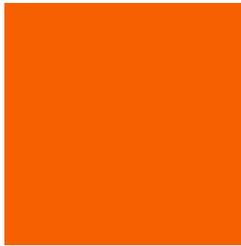
39.4209, -1.6401, -45.7322



12.5101, -1.8198, -11.7082

Previews

White Background



This preview shows how the HunterLab color 53.0471, 50.3142, 33.5682 looks on a white background.

Color Contrast Check

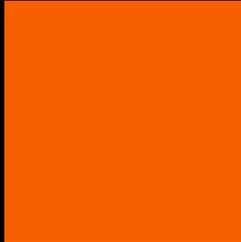
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0471, 50.3142, 33.5682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

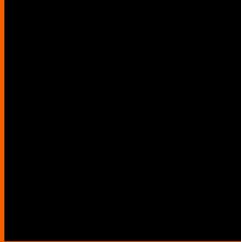
Any Text WCAG AA ✓ Pass

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 53.0471, 50.3142, 33.5682 Background



This preview shows how black text looks on a background with the HunterLab color 53.0471, 50.3142, 33.5682.



This preview shows how white text looks on a background with the HunterLab color 53.0471, 50.3142, 33.5682.

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

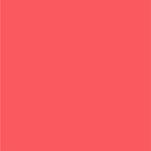
53.0471, 50.3142, 33.5682

Protanopia

53.0165, -7.2430, 31.5132

Deuteranopia

53.1453, 3.1118, 32.8024



Tritanopia

53.0195, 57.7229, 21.5740

Trichromacy



Original Color

53.0471, 50.3142, 33.5682

Protanomaly

51.6580, 13.0227, 31.4968

Deuteranomaly

52.2377, 19.7640, 32.5346

Tritanomaly

52.8555, 53.9158, 28.7178

Monochromacy



Original Color

53.0471, 50.3142, 33.5682

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.3979, 12.2327, 19.1837

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0471, 50.3142, 33.5682 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(247, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 96, 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(247, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 96, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0471, 50.3142, 33.5682 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(247, 96, 0) }
```

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

```
.border{ border-color:rgb(247, 96, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 96, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.0471, 50.3142, 33.5682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 96, 0) }
```

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

```
.background{ background-color: rgb(247, 96,  
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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