

Converting Colors

HunterLab(53.4575, 41.6680,
33.6697)

Have a look what the booklet for
HunterLab(53.4575, 41.6680,
33.6697) contains.

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Color

**HunterLab(53.3715, 41.7634,
33.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6A00
RGB	238, 106, 0
RGB Percent	93%, 42%, 0%
CMY	0.0667, 0.5843, 1.0000
CMYK	0.00, 0.55, 1.00, 0.07
HSL	27°, 100%, 47%
HSV	27°, 100%, 93%
XYZ	40.4139, 28.4852, 3.3681
YIQ	133.3840, 112.6980, -4.9820

Conversions

Conversions Part 2

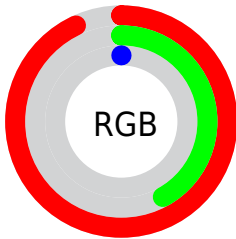
Format	Color
R_{YB}	238, 191, 0
Decimal	15624704
CIE _{Lab}	60.33, 46.99, 68.81
CIE _{LCh}	60, 83.326, 55.670
Yxy	28.4868, 0.5592, 0.3942
Android (android.graphics.Color)	4293814784 (0xFFEE6A00)
YUV	133.3840, -65.7583, 91.7482
Hunter-Lab	53.3715, 41.7634, 33.6184

Details

The HunterLab color **53.3715, 41.7634, 33.6184** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **47.6182, 5.4473, -71.2774**, and the grayscale version is **48.8044, -2.6041, 2.6516**.

A 20% lighter version of the original color is **68.4244, 23.3565, 37.8329**, and **33.9778, 38.9288, 21.6184** is the 20% darker color. If you saturate the color by 10%, you get **53.3722, 41.7608, 33.6188**, and if you desaturate by 10%, it is **56.1118, 35.5529, 34.2962**.

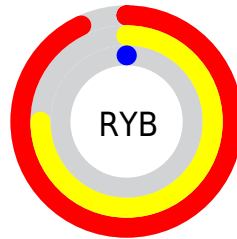
Distribution



Red (93%)

Green (42%)

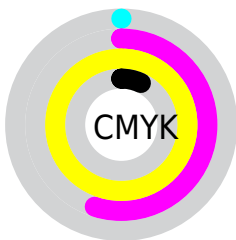
Blue (0%)



Red (93%)

Yellow (75%)

Blue (0%)

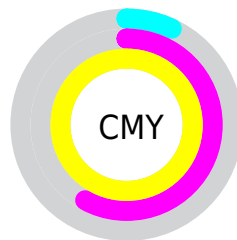


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3715, 41.7634, 33.6184 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 53.3715, 41.7634, 33.6184 by changing the saturation by 10% instead.

53.3715, 41.7634,
33.6184

53.3715, 41.7634,
33.6184

171.6932, 51.9475,
71.5202

43.2353, 40.1344,
28.5015

75.6708, 44.6699,
43.1557

33.8358, 38.3950,
23.5972

87.7551, 45.9679,
47.6213

25.2377, 36.5549,
17.6664

100.4218, 47.1701,
51.9178

17.5242, 34.6715,
12.2670

113.6455, 48.2827,
56.0667

10.8116, 32.9518,
7.5681

127.4034, 49.3117,
60.0866

1.8997, 112.1753,
1.3298

141.6756, 50.2624,

0.0000, INF, NaN

63.9935

0.0000, NaN, NaN

156.4443, 51.1395,
67.8008

0.0000, NaN, NaN

53.3715, 41.7634,
33.6184

53.3715, 41.7634,
33.6184

53.3722, 41.7608,
33.6188

56.1118, 35.5529,
34.2962

59.1611, 29.5006,
34.2113

62.5091, 23.7603,
33.2144

66.1337, 18.4086,
31.3232

70.0116, 13.4827,
28.5951

■ 74.1202, 8.9921,
25.1043

■ 78.4384, 4.9280,
20.9293

■ 82.9468, 1.2703,
16.1456

■ 87.6281, -2.0075,
10.8226

Harmonies

Analogous

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



53.3730, 74.3971, 24.1921



53.3715, 41.7634, 33.6184



53.3730, 2.4444, 35.6354

Triad

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



53.3730, 41.7590, 33.6190



53.3730, -55.5902, 7.6147



53.3730, 30.3439, -96.1585

Complementary

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



53.3715, 41.7634, 33.6184



47.6182, 5.4473, -71.2774

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.



53.3730, -7.9471, -112.2399



53.3715, 41.7634, 33.6184



53.3730, -51.7853, -33.9352

Square

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



53.3730, 41.7590, 33.6190



53.3730, -48.6140, 28.2053



53.3730, -36.3752, -84.3334



53.3730, 66.6807, -48.7576

Rectangle

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



53.3715, 41.7634, 33.6184



53.3730, -20.1919, 35.3119



53.3730, -36.3752, -84.3334



53.3730, 17.0331, -106.3424

Sweetspot

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



53.3730, 41.7590, 33.6190



84.7753, 5.3774, 22.6904



44.6349, 80.3484, -1.4731



38.2949, 3.3239, 11.4194

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.3730, 41.7590, 33.6190



57.6189, 45.4199, 36.2996



83.9584, -16.3532, 51.4484



41.1313, -1.0144, 4.9306



40.1768, 30.4185, 25.2893



12.4030, 6.8455, 7.7625

Inverse Universe

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



47.6182, 5.4473, -71.2774



51.3759, 6.1153, -77.4167



25.5732, 64.2461, -170.6521



40.8443, -3.1956, -0.6128



35.9337, 3.4023, -52.2586



11.2801, -0.6052, -12.7927

Previews

White Background



This preview shows how the HunterLab color 53.3715, 41.7634, 33.6184 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 53.3715, 41.7634, 33.6184 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 53.3715, 41.7634, 33.6184 Background



This preview shows how black text looks on a background with the HunterLab color 53.3715, 41.7634, 33.6184.



This preview shows how white text looks on a background with the HunterLab color 53.3715, 41.7634,

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

53.3715, 41.7634, 33.6184

Protanopia

53.3931, -7.4073, 31.9280

Deuteranopia

53.5309, 3.0213, 33.0384



Tritanopia

53.5204, 50.7098, 19.0615

Trichromacy



Original Color

53.3715, 41.7634, 33.6184

Protanomaly

52.2883, 9.8209, 31.9206

Deuteranomaly

52.9302, 16.9442, 32.9120

Tritanomaly

53.3228, 46.2761, 27.7630

Monochromacy



Original Color

53.3715, 41.7634, 33.6184

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.4559, 9.2017, 19.5035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.3715, 41.7634, 33.6184 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(238, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(238, 106, 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(238, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 106, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.3715, 41.7634, 33.6184 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(238, 106, 0) }
```


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

```
.border{ border-color:rgb(238, 106, 0) }
```

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

Here you see how a box with a 4 pixel rgb(238, 106, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(238, 106,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.3715, 41.7634, 33.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 106, 0) }
```

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

```
.background{ background-color: rgb(238,  
106, 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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