

Converting Colors

HunterLab(51.5889, 41.2288,
32.5106)

Have a look what the booklet for
HunterLab(51.5889, 41.2288,
32.5106) contains.

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Color

**HunterLab(51.6319, 41.1204,
32.5352)**

Conversions

Conversions Part 1

Format	Color
Hex	E86600
RGB	232, 102, 0
RGB Percent	91%, 40%, 0%
CMY	0.0902, 0.6000, 1.0000
CMYK	0.00, 0.56, 1.00, 0.09
HSL	26°, 100%, 45%
HSV	26°, 100%, 91%
XYZ	38.0301, 26.6585, 3.1412
YIQ	129.2420, 110.2220, -4.1620

Conversions

Conversions Part 2

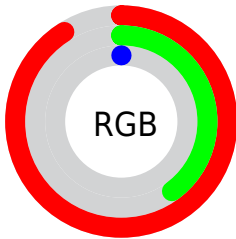
Format	Color
RYB	232, 182, 0
Decimal	15230464
CIELab	58.66, 46.64, 67.38
CIELCh	59, 81.945, 55.310
Yxy	26.6600, 0.5607, 0.3930
Android (android.graphics.Color)	4293420544 (0xFFE86600)
YUV	129.2420, -63.7163, 90.1188
Hunter-Lab	51.6319, 41.1204, 32.5352

Details

The HunterLab color **51.6319, 41.1204, 32.5352** 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 **46.6806, 4.5283, -68.1214**, and the grayscale version is **47.1625, -2.5165, 2.5624**.

A 20% lighter version of the original color is **67.4108, 25.3949, 37.3123**, and **32.4368, 38.1447, 20.6552** is the 20% darker color. If you saturate the color by 10%, you get **51.6326, 41.1179, 32.5356**, and if you desaturate by 10%, it is **54.2969, 35.0553, 33.1742**.

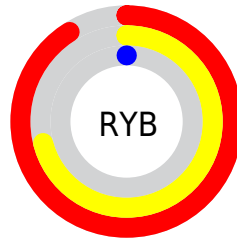
Distribution



Red (91%)

Green (40%)

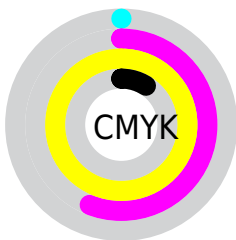
Blue (0%)



Red (91%)

Yellow (71%)

Blue (0%)

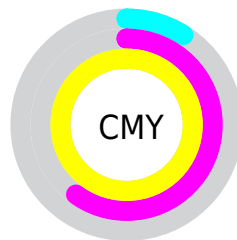


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6319, 41.1204, 32.5352 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 51.6319, 41.1204, 32.5352 by changing the saturation by 10% instead.

51.6319, 41.1204,
32.5352

51.6319, 41.1204,
32.5352

169.1175, 51.3287,
69.9508

41.6150, 39.4845,
27.4672

73.7142, 44.0384,
41.9674

32.3443, 37.7383,
22.6410

85.6986, 45.3405,
46.3782

23.8873, 35.8949,
16.7211

98.2701, 46.5458,
50.6195

16.3314, 34.0228,
11.4320

111.4025, 47.6608,
54.7131

9.8007, 32.3751,
6.8605

125.0728, 48.6914,
58.6781


0.0000, INF, NaN

0.0000, NaN, NaN


139.2606, 49.6431,


62.5306


0.0000, NaN, NaN


 153.9476, 50.5207,
66.2843


0.0000, NaN, NaN


 51.6319, 41.1204,
32.5352


 51.6319, 41.1204,
32.5352


 51.6326, 41.1179,
32.5356

 54.2969, 35.0553,
33.1742

 57.2681, 29.1321,
33.0786

 60.5348, 23.5051,
32.1011

 64.0748, 18.2512,
30.2610

 67.8647, 13.4083,
27.6157

■ 71.8821, 8.9863,
24.2383

■ 76.1056, 4.9774,
20.2056

■ 80.5162, 1.3619,
15.5913

■ 85.0966, -1.8857,
10.4625

Harmonies

Analogous

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



51.6334, 72.7343, 23.2909



51.6319, 41.1204, 32.5352



51.6334, 2.8291, 34.5155

Triad

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



51.6334, 41.1161, 32.5358



51.6334, -53.9594, 7.7498



51.6334, 29.0790, -94.2117

Complementary

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



51.6319, 41.1204, 32.5352



46.6806, 4.5283, -68.1214

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.



51.6334, -8.1168, -109.4053



51.6319, 41.1204, 32.5352



51.6334, -50.3970, -32.4835

Square

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



51.6334, 41.1161, 32.5358



51.6334, -47.0658, 27.5000



51.6334, -35.5919, -81.7129



51.6334, 64.5922, -48.1337

Rectangle

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



51.6319, 41.1204, 32.5352



51.6334, -19.2659, 34.2266



51.6334, -35.5919, -81.7129



51.6334, 16.1263, -104.0077

Sweetspot

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



51.6334, 41.1161, 32.5358



84.6458, 5.6079, 22.5693



43.3673, 78.0749, -1.4955



38.2275, 3.4454, 11.3584

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6334, 41.1161, 32.5358



57.3361, 46.1301, 36.1378



81.5726, -15.8978, 49.9862



39.2499, -0.9443, 4.6759



38.7837, 29.8559, 24.4210



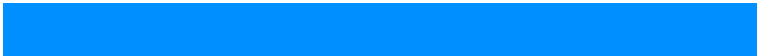
11.3752, 6.1471, 7.1170

Inverse Universe

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



46.6806, 4.5283, -68.1214



51.7974, 5.3457, -76.2821



24.8623, 62.3391, -165.6470



39.0130, -3.0762, -0.5496



35.1458, 2.7174, -49.7951



10.4744, -0.8354, -11.2887

Previews

White Background



This preview shows how the HunterLab color 51.6319, 41.1204, 32.5352 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 51.6319, 41.1204, 32.5352 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 51.6319, 41.1204, 32.5352 Background



This preview shows how black text looks on a background with the HunterLab color 51.6319, 41.1204, 32.5352.



This preview shows how white text looks on a background with the HunterLab color 51.6319, 41.1204,

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

51.6319, 41.1204, 32.5352

Protanopia

51.8435, -7.0083, 30.9550

Deuteranopia

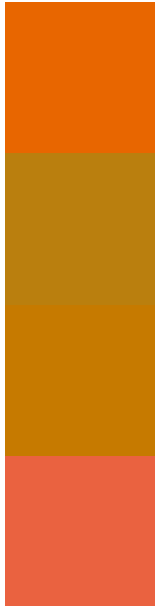
51.6080, 3.4720, 31.8614



Tritanopia

51.7554, 49.8064, 18.6590

Trichromacy



Original Color

51.6319, 41.1204, 32.5352

Protanomaly

50.6454, 9.7689, 30.8921

Deuteranomaly

50.9164, 16.9388, 31.6710

Tritanomaly

51.5732, 45.5078, 26.9996

Monochromacy



Original Color

51.6319, 41.1204, 32.5352

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.8079, 9.0206, 18.8894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6319, 41.1204, 32.5352 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(232, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 102, 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(232, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6319, 41.1204, 32.5352 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(232, 102, 0) }
```


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

```
.border{ border-color:rgb(232, 102, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 102,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6319, 41.1204, 32.5352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 102, 0) }
```

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

```
.background{ background-color: rgb(232,  
102, 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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