

# Converting Colors

HunterLab(52.3148, 39.4612,  
32.9270)

Have a look what the booklet for  
HunterLab(52.3148, 39.4612,  
32.9270) contains.

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# Color

**HunterLab(52.4060, 39.1953,  
32.9785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E86A00
RGB	232, 106, 0
RGB Percent	91%, 42%, 0%
CMY	0.0902, 0.5843, 1.0000
CMYK	0.00, 0.54, 1.00, 0.09
HSL	27°, 100%, 45%
HSV	27°, 100%, 91%
XYZ	38.4328, 27.4639, 3.2754
YIQ	131.5900, 109.1220, -6.2540

# Conversions

## Conversions Part 2

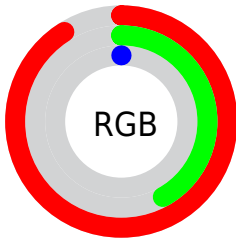
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 195, 0
Decimal	15231488
CIE <sub>Lab</sub>	59.40, 44.73, 67.80
CIE <sub>LCh</sub>	59, 81.224, 56.588
Yxy	27.4654, 0.5556, 0.3970
Android (android.graphics.Color)	4293421568 (0xFFE86A00)
YUV	131.5900, -64.8739, 88.0596
Hunter-Lab	52.4060, 39.1953, 32.9785

# Details

The HunterLab color **52.4060, 39.1953, 32.9785** 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 **45.5493, 6.6050, -71.1905**, and the grayscale version is **48.0928, -2.5661, 2.6130**.

A 20% lighter version of the original color is **68.4155, 23.3115, 37.9635**, and **33.1107, 36.2244, 21.0368** is the 20% darker color. If you saturate the color by 10%, you get **52.4067, 39.1929, 32.9789**, and if you desaturate by 10%, it is **55.0625, 33.2641, 33.6270**.

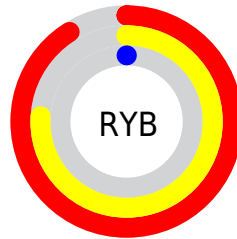
# Distribution



Red (91%)

Green (42%)

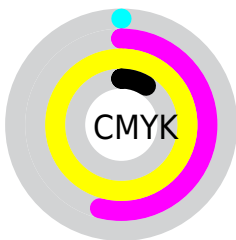
Blue (0%)



Red (91%)

Yellow (76%)

Blue (0%)

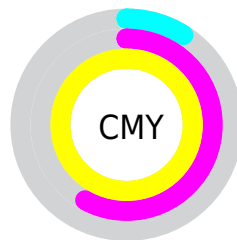


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4060, 39.1953, 32.9785 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 52.4060, 39.1953, 32.9785 by changing the saturation by 10% instead.



52.4060, 39.1953,  
32.9785

52.4060, 39.1953,  
32.9785

170.2656, 48.7540,  
70.5044

42.3357, 37.6360,  
27.9023

74.5854, 41.9592,  
42.4306

33.0072, 35.9626,  
23.0881

86.6145, 43.1858,  
46.8531

24.4870, 34.1816,  
17.1409

99.2286, 44.3170,  
51.1066

16.8604, 32.3439,  
11.8023

112.4018, 45.3596,  
55.2132

10.2478, 30.6463,  
7.1735

126.1113, 46.3194,  
59.1914


0.0000, INF, NaN

0.0000, NaN, NaN


140.3368, 47.2020,


63.0572


0.0000, NaN, NaN


 155.0604, 48.0121,  
66.8244


0.0000, NaN, NaN


 52.4060, 39.1953,  
32.9785


 52.4060, 39.1953,  
32.9785


 52.4067, 39.1929,  
32.9789

 55.0625, 33.2641,  
33.6270

 58.0038, 27.5089,  
33.5380

 61.2216, 22.0702,  
32.5622

 64.6962, 17.0153,  
30.7139

 68.4067, 12.3763,  
28.0459

■ 72.3327, 8.1601,  
24.6273

■ 76.4549, 4.3572,  
20.5321

■ 80.7557, 0.9478,  
15.8324

■ 85.2194, -2.0933,  
10.5948

# Harmonies

## Analogous

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



52.4075, 71.1270, 24.0381



52.4060, 39.1953, 32.9785



52.4075, 1.2271, 34.8820

# Triad

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



52.4075, 39.1911, 32.9791



52.4075, -54.1225, 6.4877



52.4075, 30.4988, -91.4369

# Complementary

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



52.4060, 39.1953, 32.9785



45.5493, 6.6050, -71.1905

# 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.



52.4075, -6.7074, -108.1341



52.4060, 39.1953, 32.9785



52.4075, -50.0812, -34.2062

# Square

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



52.4075, 39.1911, 32.9791



52.4075, -47.6431, 27.1357



52.4075, -34.6866, -82.4856



52.4075, 65.2608, -45.4565



# Rectangle

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



52.4060, 39.1953, 32.9785



52.4075, -20.5050, 34.4999



52.4075, -34.6866, -82.4856



52.4075, 17.6225, -101.5742

# Sweetspot

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



52.4075, 39.1911, 32.9791



85.0363, 4.9139, 22.9341



43.2480, 77.6420, 0.1988



38.4308, 3.0794, 11.5422

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.4075, 39.1911, 32.9791



58.1976, 43.9807, 36.6310



82.7962, -17.7457, 50.7078



39.3033, -1.0345, 4.7337



39.3607, 28.4362, 24.7517



11.5269, 5.8077, 7.2045



# Inverse Universe

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



45.5493, 6.6050, -71.1905



50.5340, 7.6732, -79.7273



24.6571, 63.2117, -167.2739



38.9585, -2.9870, -0.6159



34.3116, 4.2314, -52.0209



10.2725, -0.5021, -11.7558



# Previews

## White Background



This preview shows how the HunterLab color 52.4060, 39.1953, 32.9785 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 52.4060, 39.1953, 32.9785 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 52.4060, 39.1953, 32.9785 Background



This preview shows how black text looks on a background with the HunterLab color 52.4060, 39.1953, 32.9785.



This preview shows how white text looks on a background with the HunterLab color 52.4060, 39.1953,

32.9785.

# 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

52.4060, 39.1953, 32.9785

### Protanopia

52.6137, -7.2275, 31.4943

### Deuteranopia

52.3756, 3.2923, 32.3313



## Tritanopia

52.5412, 48.2697, 18.1394

# Trichromacy



## Original Color

52.4060, 39.1953, 32.9785

## Protanomaly

51.5355, 8.6952, 31.4701

## Deuteranomaly

51.9101, 16.2813, 32.2718

## Tritanomaly

52.3454, 43.7611, 27.0064

# Monochromacy



## Original Color

52.4060, 39.1953, 32.9785

## Achromatopsia

48.0354, -2.5630, 2.6099

## Achromatomaly

48.0945, 7.9957, 19.4357

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.4060, 39.1953, 32.9785 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, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 106, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.4060, 39.1953, 32.9785 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, 106, 0) }
```



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

```
.border{ border-color:rgb(232, 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(232, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 106,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.4060, 39.1953, 32.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 106, 0) }
```

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

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