

Converting Colors

HunterLab(52.5561, 37.7123,
33.0451)

Have a look what the booklet for
HunterLab(52.5561, 37.7123,
33.0451) contains.

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Color

**HunterLab(52.6441, 37.7958,
33.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	E76C00
RGB	231, 108, 0
RGB Percent	91%, 42%, 0%
CMY	0.0941, 0.5764, 1.0000
CMYK	0.00, 0.53, 1.00, 0.09
HSL	28°, 100%, 45%
HSV	28°, 100%, 91%
XYZ	38.3175, 27.7140, 3.3298
YIQ	132.4650, 107.9760, -7.5120

Conversions

Conversions Part 2

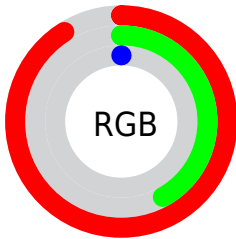
Format	Color
R_{YB}	231, 203, 0
Decimal	15166464
CIE _{Lab}	59.63, 43.37, 67.85
CIE _{LCh}	60, 80.529, 57.412
Yxy	27.7156, 0.5524, 0.3996
Android (android.graphics.Color)	4293356544 (0xFFE76C00)
YUV	132.4650, -65.3052, 86.4152
Hunter-Lab	52.6441, 37.7958, 33.1007

Details

The HunterLab color **52.6441, 37.7958, 33.1007** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **44.6488, 7.8450, -72.7417**, and the grayscale version is **48.4404, -2.5847, 2.6319**.

A 20% lighter version of the original color is **68.9333, 22.3145, 38.1633**, and **33.3964, 35.4267, 21.1989** is the 20% darker color. If you saturate the color by 10%, you get **52.6447, 37.7936, 33.1011**, and if you desaturate by 10%, it is **55.2793, 31.9839, 33.7473**.

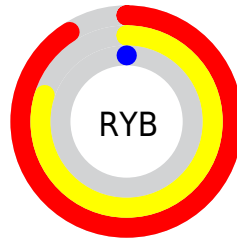
Distribution



Red (91%)

Green (42%)

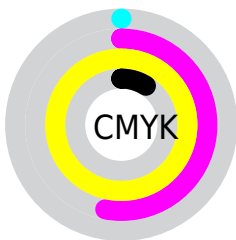
Blue (0%)



Red (91%)

Yellow (80%)

Blue (0%)

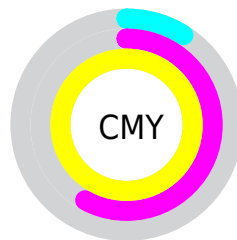


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.6441, 37.7958, 33.1007 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 52.6441, 37.7958, 33.1007 by changing the saturation by 10% instead.

52.6441, 37.7958,
33.1007

52.6441, 37.7958,
33.1007

170.6181, 46.9143,
70.6219

42.5574, 36.2885,
28.0269

74.8532, 40.4556,
42.5492

33.2114, 34.6651,
23.1884

86.8959, 41.6311,
46.9706

24.6718, 32.9285,
17.2703

99.5231, 42.7122,
51.2235

17.0237, 31.1210,
11.9166

112.7088, 43.7057,
55.3296

10.3862, 29.4126,
7.2704

126.4302, 44.6175,
59.3078

0.0000, INF, NaN

0.0000, NaN, NaN

140.6673, 45.4531,

63.1739

0.0000, NaN, NaN

155.4020, 46.2173,
66.9414

0.0000, NaN, NaN

52.6441, 37.7958,
33.1007

52.6441, 37.7958,
33.1007

52.6447, 37.7936,
33.1011

55.2793, 31.9839,
33.7473

58.1853, 26.3655,
33.6593

61.3551, 21.0726,
32.6864

64.7706, 16.1672,
30.8402

68.4125, 11.6779,
28.1700

■ 72.2617, 7.6099,
24.7424

■ 76.3002, 3.9530,
20.6291

■ 80.5114, 0.6876,
15.9006

■ 84.8804, -2.2111,
10.6227

Harmonies

Analogous

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



52.6456, 69.7747, 24.3937



52.6441, 37.7958, 33.1007



52.6456, 0.2100, 34.9415

Triad

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



52.6456, 37.7916, 33.1013



52.6456, -53.9605, 5.6299



52.6456, 31.2594, -89.2739

Complementary

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



52.6441, 37.7958, 33.1007



44.6488, 7.8450, -72.7417

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.



52.6456, -5.7670, -106.8233



52.6441, 37.7958, 33.1007



52.6456, -49.6278, -35.1469

Square

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



52.6456, 37.7916, 33.1013



52.6456, -47.7802, 26.7493



52.6456, -33.9292, -82.5818



52.6456, 65.3725, -43.5778

Rectangle

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



52.6441, 37.7958, 33.1007



52.6456, -21.1913, 34.4969



52.6456, -33.9292, -82.5818



52.6456, 18.4961, -99.5729

Sweetspot

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



52.6456, 37.7916, 33.1013



85.2779, 4.4863, 23.1592



42.9233, 76.8499, 1.8183



38.5567, 2.8539, 11.6556

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.6456, 37.7916, 33.1013



58.7430, 42.6414, 36.9436



83.6207, -19.4908, 51.1853



39.3362, -1.0901, 4.7693



39.7253, 27.5525, 24.9609



11.6220, 5.5978, 7.2594

Inverse Universe

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



44.6488, 7.8450, -72.7417



49.7644, 9.1220, -81.8928



24.3656, 63.6401, -167.8344



38.9249, -2.9319, -0.6569



33.8031, 5.1736, -53.4193



10.1489, -0.2950, -12.0484

Previews

White Background



This preview shows how the HunterLab color 52.6441, 37.7958, 33.1007 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 52.6441, 37.7958, 33.1007 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 52.6441, 37.7958, 33.1007 Background



This preview shows how black text looks on a background with the HunterLab color 52.6441, 37.7958, 33.1007.



This preview shows how white text looks on a background with the HunterLab color 52.6441, 37.7958,

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

52.6441, 37.7958, 33.1007

Protanopia

52.9021, -7.6813, 31.6684

Deuteranopia

52.7602, 3.2021, 32.5667



Tritanopia

52.6007, 47.5663, 17.5661

Trichromacy



Original Color

52.6441, 37.7958, 33.1007

Protanomaly

52.0542, 7.7236, 31.7771

Deuteranomaly

52.1546, 15.7865, 32.4138

Tritanomaly

52.3846, 42.9156, 26.8407

Monochromacy



Original Color

52.6441, 37.7958, 33.1007

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 52.6441, 37.7958, 33.1007 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(231, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(231, 108, 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(231, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 108, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.6441, 37.7958, 33.1007 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(231, 108, 0) }
```


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

```
.border{ border-color:rgb(231, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(231, 108,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.6441, 37.7958, 33.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 108, 0) }
```

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

```
.background{ background-color: rgb(231,  
108, 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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