

Converting Colors

HunterLab(52.8249, 42.1165,
34.9678)

Have a look what the booklet for
HunterLab(52.8249, 42.1165,
34.9678) contains.

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Color

**HunterLab(52.9885, 42.7246,
33.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6800
RGB	238, 104, 0
RGB Percent	93%, 41%, 0%
CMY	0.0667, 0.5921, 1.0000
CMYK	0.00, 0.56, 1.00, 0.07
HSL	26°, 100%, 47%
HSV	26°, 100%, 93%
XYZ	40.2102, 28.0778, 3.3003
YIQ	132.2100, 113.2480, -3.9360

Conversions

Conversions Part 2

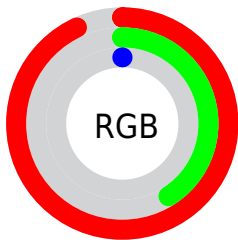
Format	Color
R_{YB}	238, 185, 0
Decimal	15624192
CIE _{Lab}	59.96, 47.94, 68.61
CIE _{LCh}	60, 83.693, 55.057
Yxy	28.0794, 0.5617, 0.3922
Android (android.graphics.Color)	4293814272 (0xFFEE6800)
YUV	132.2100, -65.1795, 92.7778
Hunter-Lab	52.9885, 42.7246, 33.3992

Details

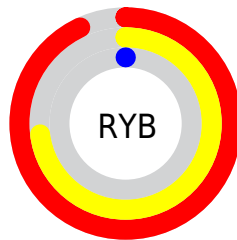
The HunterLab color **52.9885, 42.7246, 33.3992** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **48.1899, 4.4081, -69.7485**, and the grayscale version is **48.3378, -2.5792, 2.6263**.

A 20% lighter version of the original color is **67.9109, 24.3533, 37.6367**, and **33.7140, 39.6875, 21.4692** is the 20% darker color. If you saturate the color by 10%, you get **52.9892, 42.7221, 33.3996**, and if you desaturate by 10%, it is **55.7316, 36.4498, 34.0714**.

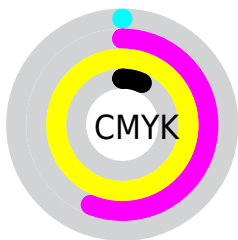
Distribution



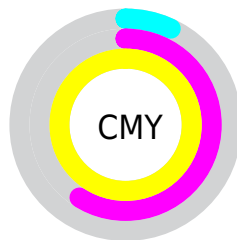
- Red (93%)
- Green (41%)
- Blue (0%)



- Red (93%)
- Yellow (73%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (7%)



- Cyan (7%)
- Magenta (59%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9885, 42.7246, 33.3992 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 52.9885, 42.7246, 33.3992 by changing the saturation by 10% instead.

52.9885, 42.7246,
33.3992

52.9885, 42.7246,
33.3992

171.1275, 53.2250,
71.2481

42.8783, 41.0587,
28.2862

75.2404, 45.7057,
42.9270

33.5069, 39.2845,
23.4187

87.3028, 47.0405,
47.3870

24.9396, 37.4149,
17.4577

99.9488, 48.2786,
51.6776

17.2604, 35.5156,
12.0823

113.1525, 49.4266,
55.8204

10.5872, 33.8201,
7.4110

126.8913, 50.4901,
59.8340


0.0000, INF, NaN

0.0000, INF, NaN


141.1450, 51.4745,

63.7344


0.0000, NaN, NaN


 155.8958, 52.3847,
67.5352


0.0000, NaN, NaN


 52.9885, 42.7246,
33.3992


 52.9885, 42.7246,
33.3992


 52.9892, 42.7221,
33.3996

 55.7316, 36.4498,
34.0714

 58.7947, 30.3150,
33.9825

 62.1663, 24.4810,
32.9842

 65.8230, 19.0296,
31.0965

 69.7404, 14.0013,
28.3794

■ 73.8945, 9.4074,
24.9090

■ 78.2634, 5.2397,
20.7652

■ 82.8268, 1.4783,
16.0243

■ 87.5666, -1.9033,
10.7560

Harmonies

Analogous

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



52.9900, 75.2011, 23.8207



52.9885, 42.7246, 33.3992



52.9900, 3.2418, 35.4522

Triad

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



52.9900, 42.7202, 33.3998



52.9900, -55.5086, 8.2298



52.9900, 29.6430, -97.5550

Complementary

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



52.9885, 42.7246, 33.3992



48.1899, 4.4081, -69.7485

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.



52.9900, -8.6407, -112.8811



52.9885, 42.7246, 33.3992



52.9900, -51.9382, -33.0867

Square

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



52.9900, 42.7202, 33.3998



52.9900, -48.3289, 28.3760



52.9900, -36.8183, -83.9535



52.9900, 66.3514, -50.1048

Rectangle

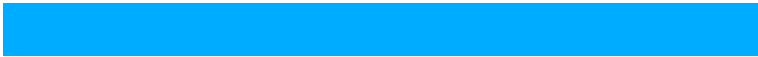
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.9885, 42.7246, 33.3992



52.9900, -19.5770, 35.1727



52.9900, -36.8183, -83.9535



52.9900, 16.2951, -107.5672

Sweetspot

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



52.9900, 42.7202, 33.3998



84.5852, 5.7159, 22.5126



44.6349, 80.3484, -1.4732



38.1960, 3.5024, 11.3299

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.9900, 42.7202, 33.3998



57.2047, 46.4616, 36.0627



83.9585, -16.3532, 51.4484



41.1039, -0.9681, 4.9009



39.8904, 31.1299, 25.1252



12.3222, 7.0295, 7.7159

Inverse Universe

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



48.1899, 4.4081, -69.7485



51.9956, 4.9861, -75.7535



25.5732, 64.2460, -170.6519



40.8723, -3.2414, -0.5787



36.3562, 2.6423, -51.1461



11.3899, -0.7867, -12.5380

Previews

White Background



This preview shows how the HunterLab color 52.9885, 42.7246, 33.3992 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 52.9885, 42.7246, 33.3992 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 52.9885, 42.7246, 33.3992 Background



This preview shows how black text looks on a background with the HunterLab color 52.9885, 42.7246, 33.3992.



This preview shows how white text looks on a background with the HunterLab color 52.9885, 42.7246,

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

52.9885, 42.7246, 33.3992

Protanopia

53.0050, -7.3074, 31.6844

Deuteranopia

53.1453, 3.1118, 32.8024



Tritanopia

53.1314, 51.4777, 19.3212

Trichromacy



Original Color

52.9885, 42.7246, 33.3992

Protanomaly

51.9077, 9.9082, 31.6842

Deuteranomaly

52.5530, 17.0262, 32.6810

Tritanomaly

52.9462, 47.1734, 27.6792

Monochromacy



Original Color

52.9885, 42.7246, 33.3992

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.1841, 9.6040, 19.5382

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.9885, 42.7246, 33.3992 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, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(238, 104, 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, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 104, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.9885, 42.7246, 33.3992 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, 104, 0) }
```


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

```
.border{ border-color:rgb(238, 104, 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, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(238, 104,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.9885, 42.7246, 33.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 104, 0) }
```

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

```
.background{ background-color: rgb(238,  
104, 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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