

Converting Colors

HunterLab(56.7563, 41.1609,
35.6936)

Have a look what the booklet for
HunterLab(56.7563, 41.1609,
35.6936) contains.

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Color

**HunterLab(56.8022, 40.7607,
35.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	F77400
RGB	247, 116, 0
RGB Percent	97%, 45%, 0%
CMY	0.0314, 0.5451, 1.0000
CMYK	0.00, 0.53, 1.00, 0.03
HSL	28°, 100%, 48%
HSV	28°, 100%, 97%
XYZ	44.6031, 32.2649, 3.8768
YIQ	141.9450, 115.3120, -8.3040

Conversions

Conversions Part 2

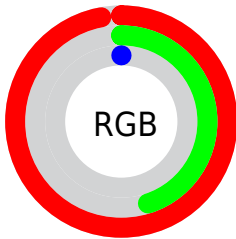
Format	Color
RYB	247, 219, 0
Decimal	16217088
CIELab	63.56, 45.61, 71.38
CIElCh	64, 84.705, 57.423
Yxy	32.2667, 0.5524, 0.3996
Android (android.graphics.Color)	4294407168 (0xFFFF77400)
YUV	141.9450, -69.9789, 92.1332
Hunter-Lab	56.8022, 40.7607, 35.7149

Details

The HunterLab color **56.8022, 40.7607, 35.7149** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **47.9031, 8.9697, -79.2373**, and the grayscale version is **52.2276, -2.7867, 2.8376**.

A 20% lighter version of the original color is **71.0293, 18.2392, 39.2506**, and **36.9084, 38.4522, 23.4159** is the 20% darker color. If you saturate the color by 10%, you get **56.8031, 40.7577, 35.7154**, and if you desaturate by 10%, it is **59.6421, 34.4772, 36.4570**.

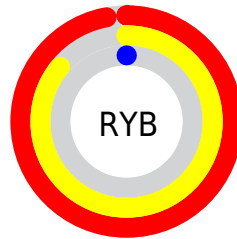
Distribution



Red (97%)

Green (45%)

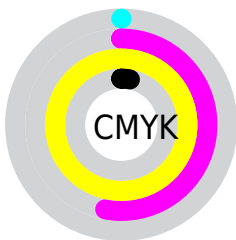
Blue (0%)



Red (97%)

Yellow (86%)

Blue (0%)

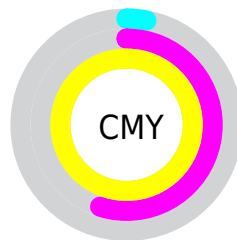


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.8022, 40.7607, 35.7149 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 56.8022, 40.7607, 35.7149 by changing the saturation by 10% instead.

56.8022, 40.7607,
35.7149

56.8022, 40.7607,
35.7149

176.7293, 50.2678,
74.4437

46.4384, 39.2182,
30.5173

79.5166, 43.4980,
45.4271

36.7938, 37.5629,
25.3354

91.7925, 44.7155,
49.9848

27.9284, 35.7954,
19.5499

104.6421, 45.8399,
54.3749

19.9178, 33.9476,
13.9425

118.0410, 46.8776,
58.6180

12.8656, 32.1401,
9.0059

131.9675, 47.8344,
62.7321

6.2802, 36.4143,
4.3962

146.4023, 48.7153,

0.0000, INF, NaN

66.7326

0.0000, NaN, NaN

161.3281, 49.5251,
70.6326

0.0000, NaN, NaN

56.8022, 40.7607,
35.7149

56.8022, 40.7607,
35.7149

56.8031, 40.7577,
35.7154

59.6421, 34.4772,
36.4570

62.7749, 28.4067,
36.3919

66.1926, 22.6895,
35.3651

69.8759, 17.3934,
33.3870

73.8040, 12.5495,
30.5100

■ 77.9563, 8.1638,
26.8060

■ 82.3134, 4.2252,
22.3527

■ 86.8574, 0.7124,
17.2271

■ 91.5721, -2.4016,
11.5007

Harmonies

Analogous

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



56.8038, 75.2645, 26.3238



56.8022, 40.7607, 35.7149



56.8038, 0.2131, 37.7001

Triad

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



56.8038, 40.7562, 35.7156



56.8038, -58.2175, 6.0627



56.8038, 33.7370, -96.2925

Complementary

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



56.8022, 40.7607, 35.7149



47.9031, 8.9697, -79.2373

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.



56.8038, -6.2097, -115.2384



56.8022, 40.7607, 35.7149



56.8038, -53.5389, -37.9338

Square

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



56.8038, 40.7562, 35.7156



56.8038, -51.5534, 28.8553



56.8038, -36.5971, -89.1019



56.8038, 70.5342, -46.9930

Rectangle

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



56.8022, 40.7607, 35.7149



56.8038, -22.8731, 37.2196



56.8038, -36.5971, -89.1019



56.8038, 19.9677, -107.4066

Sweetspot

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



56.8038, 40.7562, 35.7156



85.3258, 4.4015, 23.2038



46.2956, 82.8647, 2.1421



38.5817, 2.8092, 11.6781

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.8038, 40.7562, 35.7156



58.8524, 42.3746, 37.0064



90.2053, -21.0132, 55.2161



42.1495, -1.1715, 5.1367



41.6457, 28.8264, 26.1665



13.1463, 6.6958, 8.2179

Inverse Universe

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



47.9031, 8.9697, -79.2373



49.6127, 9.4104, -82.3259



26.2569, 68.7898, -181.3155



41.6915, -3.1351, -0.7344



35.2460, 5.7495, -56.4660



11.3912, 0.0148, -14.2699

Previews

White Background



This preview shows how the HunterLab color 56.8022, 40.7607, 35.7149 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.8022, 40.7607, 35.7149 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.8022, 40.7607, 35.7149 Background



This preview shows how black text looks on a background with the HunterLab color 56.8022, 40.7607, 35.7149.



This preview shows how white text looks on a background with the HunterLab color 56.8022, 40.7607,

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

56.8022, 40.7607, 35.7149

Protanopia

57.0081, -7.9541, 34.1995

Deuteranopia

56.9820, 3.4662, 35.1728



Tritanopia

56.8216, 50.9775, 18.9814

Trichromacy



Original Color

56.8022, 40.7607, 35.7149

Protanomaly

56.1239, 8.9377, 34.3009

Deuteranomaly

56.4840, 16.6126, 35.0960

Tritanomaly

56.5594, 46.0506, 29.0502

Monochromacy



Original Color

56.8022, 40.7607, 35.7149

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.1695, 8.1176, 21.2956

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8022, 40.7607, 35.7149 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(247, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 116, 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(247, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 116, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8022, 40.7607, 35.7149 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(247, 116, 0) }
```


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

```
.border{ border-color:rgb(247, 116, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 116, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 116,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.8022, 40.7607, 35.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 116, 0) }
```

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

```
.background{ background-color: rgb(247,  
116, 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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