

Converting Colors

HunterLab(56.0571, 37.7377,
35.0509)

Have a look what the booklet for
HunterLab(56.0571, 37.7377,
35.0509) contains.

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Color

**HunterLab(56.0663, 37.7156,
35.0562)**

Conversions

Conversions Part 1

Format	Color
Hex	F17505
RGB	241, 117, 5
RGB Percent	95%, 46%, 2%
CMY	0.0549, 0.5411, 0.9804
CMYK	0.00, 0.51, 0.98, 0.05
HSL	28°, 96%, 48%
HSV	28°, 98%, 95%
XYZ	42.6643, 31.4343, 3.9624
YIQ	141.3080, 109.8560, -8.5440

Conversions

Conversions Part 2

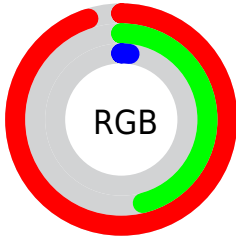
Format	Color
R_{YB}	241, 218, 5
Decimal	15824133
CIE _{Lab}	62.87, 42.86, 69.71
CIE _{LCh}	63, 81.833, 58.413
Yxy	31.4360, 0.5465, 0.4027
Android (android.graphics.Color)	4294014213 (0xFFFF17505)
YUV	141.3080, -67.1998, 87.4299
Hunter-Lab	56.0663, 37.7156, 35.0562

Details

The HunterLab color **56.0663, 37.7156, 35.0562** 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 **46.9933, 8.1261, -75.8947**, and the grayscale version is **51.9636, -2.7726, 2.8233**.

A 20% lighter version of the original color is **71.3118, 17.8121, 39.1565**, and **36.2322, 35.2321, 22.9429** is the 20% darker color. If you saturate the color by 10%, you get **55.5160, 38.9667, 34.8909**, and if you desaturate by 10%, it is **58.8792, 31.6790, 35.6580**.

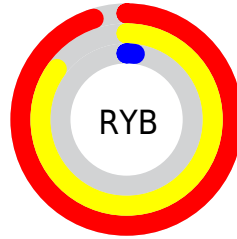
Distribution



Red (95%)

Green (46%)

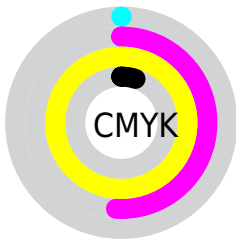
Blue (2%)



Red (95%)

Yellow (85%)

Blue (2%)

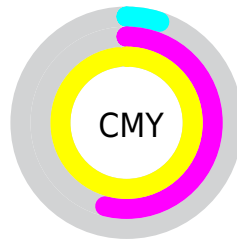


Cyan (0%)

Magenta (51%)

Yellow (98%)

Black (5%)



Cyan (5%)

Magenta (54%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0663, 37.7156, 35.0562 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 56.0663, 37.7156, 35.0562 by changing the saturation by 10% instead.

56.0663, 37.7156,
35.0562

56.0663, 37.7156,
35.0562

175.6537, 46.4251,
73.0651

45.7505, 36.2654,
29.9454

78.6930, 40.2675,
44.5942

36.1575, 34.6995,
24.8275

90.9284, 41.3933,
49.0670

27.3483, 33.0146,
19.1438

103.7393, 42.4272,
53.3744

19.4000, 31.2350,
13.5800

117.1011, 43.3758,
57.5372

12.4186, 29.4636,
8.6930

130.9919, 44.2451,
61.5734

5.6407, 36.2475,
3.9485

145.3923, 45.0400,

0.0000, INF, NaN

65.4983

0.0000, NaN, NaN

160.2848, 45.7653,
69.3252

0.0000, NaN, NaN

56.0663, 37.7156,
35.0562

56.0663, 37.7156,
35.0562

55.5160, 38.9667,
34.8909

58.8792, 31.6790,
35.6580

61.9715, 25.9048,
35.3935

65.3313, 20.4955,
34.1917

68.9399, 15.5058,
32.0728

72.7777, 10.9585,
29.0917

■ 76.8257, 6.8546,
25.3189

■ 81.0658, 3.1807,
20.8292

■ 85.4815, -0.0854,
15.6958

■ 90.0577, -2.9704,
9.9864

Harmonies

Analogous

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



56.0679, 71.1144, 26.0912



56.0663, 37.7156, 35.0562



56.0679, -1.0801, 36.9575

Triad

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



56.0679, 37.7113, 35.0568



56.0679, -56.4624, 4.8311



56.0679, 33.5769, -90.2048

Complementary

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



56.0663, 37.7156, 35.0562



46.9933, 8.1261, -75.8947

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.



56.0679, -4.8838, -109.4358



56.0663, 37.7156, 35.0562



56.0679, -51.5225, -37.7931

Square

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



56.0679, 37.7113, 35.0568



56.0679, -50.3307, 27.6235



56.0679, -34.6282, -86.0197



56.0679, 68.3374, -43.0953

Rectangle

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



56.0663, 37.7156, 35.0562



56.0679, -23.0841, 36.3888



56.0679, -34.6282, -86.0197



56.0679, 20.3942, -101.0808

Sweetspot

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



56.0679, 37.7113, 35.0568



85.8981, 3.8253, 22.8040



45.2156, 80.4314, 1.1735



38.8388, 2.5301, 11.5224

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.0679, 37.7113, 35.0568



59.1099, 41.7492, 37.1542



87.7864, -20.4844, 53.6378



41.2265, -1.1751, 5.0335



41.2059, 27.9158, 25.8796



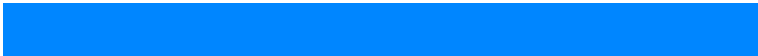
12.6901, 6.2037, 7.9282

Inverse Universe

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



46.9933, 8.1261, -75.8947



49.2589, 10.0868, -83.3440



25.8221, 65.9816, -174.0106



40.7472, -3.0365, -0.7311



34.4888, 6.0747, -56.2215



10.9028, 0.0320, -13.6967

Previews

White Background



This preview shows how the HunterLab color 56.0663, 37.7156, 35.0562 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 56.0663, 37.7156, 35.0562 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 56.0663, 37.7156, 35.0562 Background



This preview shows how black text looks on a background with the HunterLab color 56.0663, 37.7156, 35.0562.



This preview shows how white text looks on a background with the HunterLab color 56.0663, 37.7156,

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

56.0663, 37.7156, 35.0562

Protanopia

56.2237, -7.7526, 33.7086

Deuteranopia

56.2034, 3.6487, 34.6962



Tritanopia

56.0637, 48.1219, 17.9148

Trichromacy



Original Color

56.0663, 37.7156, 35.0562

Protanomaly

55.3750, 7.8489, 33.7343

Deuteranomaly

55.7081, 15.4693, 34.5368

Tritanomaly

55.8255, 43.1884, 27.8937

Monochromacy



Original Color

56.0663, 37.7156, 35.0562

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.5968, 7.6599, 20.2929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0663, 37.7156, 35.0562 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(241, 117, 5)` looks like.

```
.text, #text, p{  
    color:rgb(241, 117, 5)  
}
```

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(241, 117, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 117, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0663, 37.7156, 35.0562 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(241, 117, 5) }
```


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

```
.border{ border-color:rgb(241, 117, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 117, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 117, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 117, 5);  
box-shadow:4px 4px 4px 4px rgb(241, 117,  
5) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0663, 37.7156, 35.0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 117, 5) }
```

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

```
.background{ background-color: rgb(241,  
117, 5) }
```

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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