

Converting Colors

HunterLab(60.3316, 38.8299,
37.8558)

Have a look what the booklet for
HunterLab(60.3316, 38.8299,
37.8558) contains.

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Color

**HunterLab(60.3645, 38.7523,
37.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7F00
RGB	255, 127, 0
RGB Percent	100%, 50%, 0%
CMY	0.0000, 0.5019, 1.0000
CMYK	0.00, 0.50, 1.00, 0.00
HSL	30°, 100%, 50%
HSV	30°, 100%, 100%
XYZ	48.8294, 36.4387, 4.4597
YIQ	150.7940, 117.0550, -12.3610

Conversions

Conversions Part 2

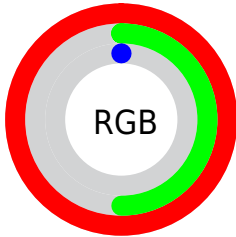
Format	Color
R _{YB}	255, 253, 0
Decimal	16744192
CIE Lab	66.86, 43.32, 73.91
CIE LCh	67, 85.669, 59.625
Yxy	36.4407, 0.5442, 0.4061
Android (android.graphics.Color)	4294934272 (0xFFFF7F00)
YUV	150.7940, -74.3414, 91.3887
Hunter-Lab	60.3645, 38.7523, 37.8748

Details

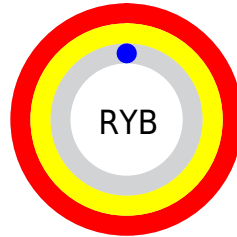
The HunterLab color **60.3645, 38.7523, 37.8748** is a dark color, and the websafe version is hex **FF6600**, and the color name is **orange (color wheel)**. The color can be described as dark saturated orange. A complement of this color would be **47.6004, 13.3321, -88.2759**, and the grayscale version is **55.8061, -2.9777, 3.0321**.

A 20% lighter version of the original color is **74.0194, 12.6653, 40.7832**, and **39.9741, 36.1040, 25.2639** is the 20% darker color. If you saturate the color by 10%, you get **60.3653, 38.7496, 37.8752**, and if you desaturate by 10%, it is **63.2711, 32.5097, 38.6675**.

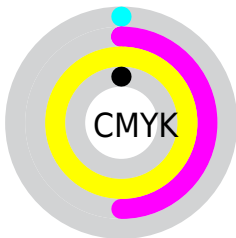
Distribution



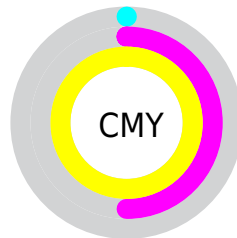
- Red (100%)
- Green (50%)
- Blue (0%)



- Red (100%)
- Yellow (99%)
- Blue (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3645, 38.7523, 37.8748 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 60.3645, 38.7523, 37.8748 by changing the saturation by 10% instead.

60.3645, 38.7523,
37.8748

60.3645, 38.7523,
37.8748

181.9019, 47.3049,
77.3925

49.7743, 37.3313,
32.6012

83.4936, 41.2537,
47.7524

39.8865, 35.7969,
27.2060

95.9613, 42.3585,
52.3975

30.7571, 34.1424,
21.5300

108.9943, 43.3738,
56.8767

22.4554, 32.3808,
15.7188

122.5692, 44.3059,
61.2096

15.0738, 30.5742,
10.5516

136.6651, 45.1604,
65.4138

8.7116, 29.2082,
6.0981

151.2634, 45.9422,


0.0000, INF, NaN


69.5040


0.0000, NaN, NaN


 166.3474, 46.6557,
73.4932

0.0000, NaN, NaN


 60.3645, 38.7523,
37.8748


 60.3645, 38.7523,
37.8748


 60.3653, 38.7496,
37.8752

 63.2711, 32.5097,
38.6675

 66.4477, 26.5332,
38.6139

 69.8899, 20.9489,
37.5533

 73.5814, 15.8148,
35.4869

 77.5045, 11.1562,
32.4603

81.6414, 6.9755,
28.5406

85.9748, 3.2602,
23.8035

90.4888, -0.0117,
18.3252

95.1687, -2.8673,
12.1787

Harmonies

Analogous

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



60.3662, 75.1325, 28.6845



60.3645, 38.7523, 37.8748



60.3662, -2.7407, 39.7563

Triad

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



60.3662, 38.7478, 37.8755



60.3662, -60.6599, 3.7433



60.3662, 37.6990, -94.9533

Complementary

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



60.3645, 38.7523, 37.8748



47.6004, 13.3321, -88.2759

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.



60.3662, -3.7062, -117.2720



60.3645, 38.7523, 37.8748



60.3662, -54.8615, -42.6603

Square

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



60.3662, 38.7478, 37.8755



60.3662, -54.5585, 29.0744



60.3662, -36.1550, -93.8932



60.3662, 74.4283, -44.0042

Rectangle

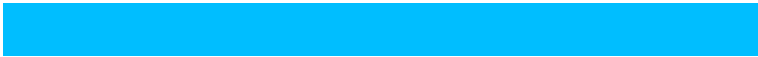
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.3645, 38.7523, 37.8748



60.3662, -26.0371, 39.0455



60.3662, -36.1550, -93.8932



60.3662, 23.5773, -107.0793

Sweetspot

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



60.3662, 38.7478, 37.8755



85.9738, 3.2613, 23.8051



47.8740, 85.4504, 4.0699



38.9195, 2.2079, 11.9812

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.3662, 38.7478, 37.8755



60.3656, 38.7498, 37.8754



94.9198, -23.8309, 58.0718



44.1381, -1.3869, 5.4870



43.9761, 27.2120, 27.5743



14.4959, 6.7464, 9.0504

Inverse Universe

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



47.6004, 13.3321, -88.2759



47.5994, 13.3341, -88.2797



27.0415, 72.1296, -189.5057



43.4563, -3.1125, -0.9052



34.8392, 8.7836, -62.5073



11.8334, 0.9347, -16.8085

Previews

White Background



This preview shows how the HunterLab color 60.3645, 38.7523, 37.8748 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 60.3645, 38.7523, 37.8748 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 60.3645, 38.7523, 37.8748 Background



This preview shows how black text looks on a background with the HunterLab color 60.3645, 38.7523, 37.8748.



This preview shows how white text looks on a background with the HunterLab color 60.3645, 38.7523,

37.8748.

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

60.3645, 38.7523, 37.8748

Protanopia

60.6623, -8.5045, 36.4891

Deuteranopia

60.4686, 3.9184, 37.3291



Tritanopia

60.4096, 47.8562, 18.0184

Trichromacy



Original Color

60.3645, 38.7523, 37.8748

Protanomaly

59.8887, 7.6329, 36.6255

Deuteranomaly

60.0817, 16.2677, 37.3068

Tritanomaly

60.0167, 43.1090, 30.0464

Monochromacy



Original Color

60.3645, 38.7523, 37.8748

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

55.6860, 7.5946, 22.6639

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3645, 38.7523, 37.8748 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(255, 127, 0)` looks like.

```
.text, #text, p{  
  color:rgb(255, 127, 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(255, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3645, 38.7523, 37.8748 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(255, 127, 0) }
```


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

```
.border{ border-color:rgb(255, 127, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 127, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3645, 38.7523, 37.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 0) }
```

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

```
.background{ background-color: rgb(255,  
127, 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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