

Converting Colors

HunterLab(60.9756, 25.5734,
38.0206)

Have a look what the booklet for
HunterLab(60.9756, 25.5734,
38.0206) contains.

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Color

**HunterLab(61.0585, 25.6175,
38.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	F08C00
RGB	240, 140, 0
RGB Percent	94%, 55%, 0%
CMY	0.0588, 0.4510, 1.0000
CMYK	0.00, 0.42, 1.00, 0.06
HSL	35°, 100%, 47%
HSV	35°, 100%, 94%
XYZ	45.3132, 37.2814, 4.8077
YIQ	153.9400, 104.5400, -22.3400

Conversions

Conversions Part 2

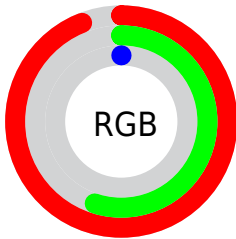
Format	Color
R_{YB}	171, 240, 0
Decimal	15764480
CIE Lab	67.49, 30.74, 73.25
CIE LCh	67, 79.441, 67.238
Yxy	37.2834, 0.5184, 0.4266
Android (android.graphics.Color)	4293954560 (0xFFFF08C00)
YUV	153.9400, -75.8924, 75.4746
Hunter-Lab	61.0585, 25.6175, 38.0725

Details

The HunterLab color **61.0585, 25.6175, 38.0725** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **39.2503, 23.5649, -99.9284**, and the grayscale version is **57.0914, -3.0463, 3.1019**.

A 20% lighter version of the original color is **77.6775, 6.0044, 43.0247**, and **40.6102, 24.3303, 25.4497** is the 20% darker color. If you saturate the color by 10%, you get **61.0592, 25.6154, 38.0728**, and if you desaturate by 10%, it is **63.5657, 20.7621, 38.7258**.

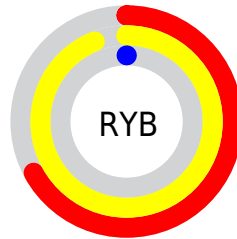
Distribution



Red (94%)

Green (55%)

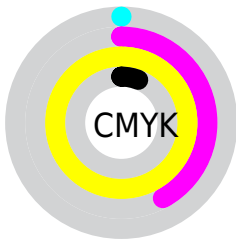
Blue (0%)



Red (67%)

Yellow (94%)

Blue (0%)

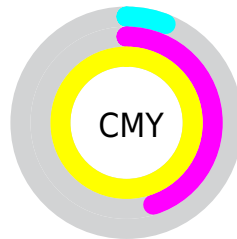


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0585, 25.6175, 38.0725 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 61.0585, 25.6175, 38.0725 by changing the saturation by 10% instead.

61.0585, 25.6175,
38.0725

61.0585, 25.6175,
38.0725

182.9032, 30.0879,
77.1954

50.4252, 24.7042,
32.8537

84.2665, 27.1342,
47.8451

40.4913, 23.6810,
27.4611

96.7708, 27.7634,
52.4416

31.3120, 22.5315,
21.9184

109.8388, 28.3148,
56.8749

22.9553, 21.2438,
16.0687

123.4473, 28.7945,
61.1645

15.5120, 19.8159,
10.8584

137.5756, 29.2074,
65.3277

9.1054, 18.3349,
6.3738

152.2051, 29.5581,

0.0000, INF, NaN

69.3790

0.0000, NaN, NaN

167.3194, 29.8505,
73.3313

0.0000, NaN, NaN

61.0585, 25.6175,
38.0725

61.0585, 25.6175,
38.0725

61.0592, 25.6154,
38.0728

63.5657, 20.7621,
38.7258

66.2438, 16.2175,
38.5994

69.0976, 12.0695,
37.5269

72.1211, 8.3515,
35.4876

75.3064, 5.0763,
32.5000

■ 78.6446, 2.2424,
28.6050

■ 82.1266, -0.1612,
23.8556

■ 85.7436, -2.1518,
18.3102

■ 89.4868, -3.7508,
12.0285

Harmonies

Analogous

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



61.0601, 61.5181, 31.0953



61.0585, 25.6175, 38.0725



61.0601, -11.6670, 39.0893

Triad

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



61.0601, 25.6135, 38.0731



61.0601, -57.5034, -5.4841



61.0601, 44.0463, -74.8042

Complementary

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



61.0585, 25.6175, 38.0725



39.2503, 23.5649, -99.9284

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.



61.0601, 5.6253, -103.3314



61.0585, 25.6175, 38.0725



61.0601, -48.8430, -50.8252

Square

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



61.0601, 25.6135, 38.0731



61.0601, -54.5197, 23.5659



61.0601, -27.6021, -92.6760



61.0601, 73.7522, -27.7013

Rectangle

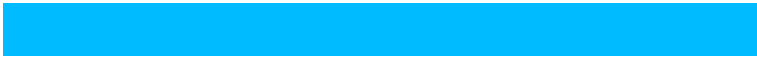
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0585, 25.6175, 38.0725



61.0601, -31.5956, 37.5340



61.0601, -27.6021, -92.6760



61.0601, 31.4180, -87.8300

Sweetspot

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



61.0601, 25.6135, 38.0731



87.9416, -0.1487, 25.6120



44.0971, 77.6031, 12.3188



39.9477, 0.4104, 12.8931

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.0601, 25.6135, 38.0731



65.3278, 27.6195, 40.7382



88.0541, -31.0966, 53.7140



41.5824, -1.7729, 5.4165



45.4729, 18.3217, 28.3410



13.8427, 3.7929, 8.5962

Inverse Universe

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



39.2503, 23.5649, -99.9284



41.9271, 25.5242, -107.5046



25.3776, 68.2476, -175.7671



40.3867, -2.4426, -1.1730



29.4645, 16.4618, -72.3645



9.5617, 2.4979, -17.3435

Previews

White Background



This preview shows how the HunterLab color 61.0585, 25.6175, 38.0725 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 61.0585, 25.6175, 38.0725 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 61.0585, 25.6175, 38.0725 Background



This preview shows how black text looks on a background with the HunterLab color 61.0585, 25.6175, 38.0725.



This preview shows how white text looks on a background with the HunterLab color 61.0585, 25.6175,

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

61.0585, 25.6175, 38.0725

Protanopia

61.1526, -8.2919, 36.9394

Deuteranopia

60.9810, 4.2245, 37.6502



Tritanopia

61.0501, 40.4425, 14.2312

Trichromacy



Original Color

61.0585, 25.6175, 38.0725

Protanomaly

60.7662, 3.5460, 37.1665

Deuteranomaly

60.8509, 12.0834, 37.7076

Tritanomaly

60.6846, 32.9040, 28.7356

Monochromacy



Original Color

61.0585, 25.6175, 38.0725

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.1761, 2.8398, 23.2988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.0585, 25.6175, 38.0725 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(240, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 140, 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(240, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 140, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.0585, 25.6175, 38.0725 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(240, 140, 0) }
```


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

```
.border{ border-color:rgb(240, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 140,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.0585, 25.6175, 38.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 140, 0) }
```

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

```
.background{ background-color: rgb(240,  
140, 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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