

Converting Colors

HunterLab(55.4858, 38.2276,
34.8593)

Have a look what the booklet for
HunterLab(55.4858, 38.2276,
34.8593) contains.

HunterLab(55.4858, 38.2276, 34.8593)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.4858, 38.2276,
34.8593)**

Conversions

Conversions Part 1	
Format	Color
Hex	F07300
RGB	240, 115, 0
RGB Percent	94%, 45%, 0%
CMY	0.0588, 0.5490, 1.0000
CMYK	0.00, 0.52, 1.00, 0.06
HSL	29°, 100%, 47%
HSV	29°, 100%, 94%
XYZ	42.0659, 30.7867, 3.7253
YIQ	139.2650, 111.4150, -9.2650

Conversions

Conversions Part 2

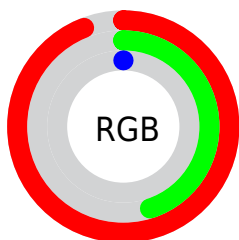
Format	Color
RYB	240, 221, 0
Decimal	15758080
CIELab	62.33, 43.42, 70.12
CIELCh	62, 82.471, 58.235
Yxy	30.7884, 0.5493, 0.4020
Android (android.graphics.Color)	4293948160 (0xFFFF07300)
YUV	139.2650, -68.6576, 88.3446
Hunter-Lab	55.4858, 38.2276, 34.8593

Details

The HunterLab color **55.4858, 38.2276, 34.8593** 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 **45.7804, 9.8031, -78.3830**, and the grayscale version is **51.1528, -2.7294, 2.7792**.

A 20% lighter version of the original color is **70.7571, 18.7141, 39.2100**, and **35.7563, 35.6816, 22.6575** is the 20% darker color. If you saturate the color by 10%, you get **55.4864, 38.2255, 34.8597**, and if you desaturate by 10%, it is **58.2248, 32.2462, 35.5619**.

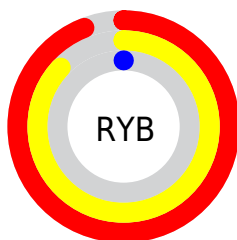
Distribution



Red (94%)

Green (45%)

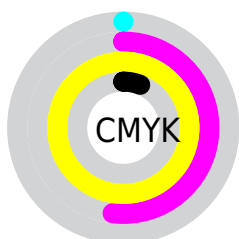
Blue (0%)



Red (94%)

Yellow (87%)

Blue (0%)

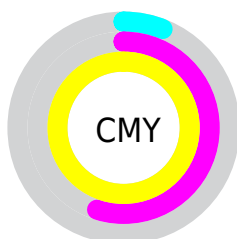


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.4858, 38.2276, 34.8593 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 55.4858, 38.2276, 34.8593 by changing the saturation by 10% instead.


 55.4858, 38.2276, 34.8593	 55.4858, 38.2276, 34.8593
174.8035, 47.1512, 73.1378	 45.2082, 36.7505, 29.7097
 78.0428, 40.8320, 44.4708	 35.6563, 35.1580, 24.6267
 90.2460, 41.9829, 48.9772	 26.8918, 33.4486, 18.8243
 103.0262, 43.0413, 53.3160	 18.9932, 31.6508, 13.2952
 116.3586, 44.0137, 57.5083	 12.0685, 29.8816, 8.4479
 130.2210, 44.9059, 61.5721	 5.0774, 40.1569, 3.5541
 144.5941, 45.7232,	0.0000, INF, NaN


65.5231


0.0000, NaN, NaN


 159.4602, 46.4703,
69.3745

0.0000, NaN, NaN


 55.4858, 38.2276,
34.8593


 55.4858, 38.2276,
34.8593


 55.4864, 38.2255,
34.8597

 58.2248, 32.2462,
35.5619

 61.2347, 26.4861,
35.4878

 64.5093, 21.0768,
34.4831


 68.0311, 16.0787,
32.5557

 71.7815, 11.5190,
29.7539

 75.7418, 7.4019,
26.1444

 79.8943, 3.7162,
21.8007

 84.2226, 0.4413,
16.7957

 88.7118, -2.4486,
11.1978

Harmonies

Analogous

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



55.4873, 71.8321, 25.9610



55.4858, 38.2276, 34.8593



55.4873, -0.8230, 36.7226

Triad

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



55.4873, 38.2233, 34.8599



55.4873, -56.4519, 5.0037



55.4873, 33.5899, -91.4802

Complementary

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



55.4858, 38.2276, 34.8593



45.7804, 9.8031, -78.3830

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.



55.4873, -5.0723, -110.7565



55.4858, 38.2276, 34.8593



55.4873, -51.6000, -37.8593

Square

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



55.4873, 38.2233, 34.8599



55.4873, -50.2788, 27.6513



55.4873, -34.8105, -86.7575



55.4873, 68.7139, -43.8231

Rectangle

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



55.4858, 38.2276, 34.8593



55.4873, -22.9426, 36.1874



55.4873, -34.8105, -86.7575



55.4873, 20.3154, -102.4492

Sweetspot

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



55.4873, 38.2233, 34.8599



85.5427, 4.0189, 23.4055



44.8151, 80.2239, 1.9994



38.6947, 2.6074, 11.7797

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.4873, 38.2233, 34.8599



59.3517, 41.1655, 37.2929



87.3144, -20.3448, 53.4464



41.2414, -1.2004, 5.0497



41.3725, 27.5183, 25.9753



12.7362, 6.1024, 7.9548

Inverse Universe

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



45.7804, 9.8031, -78.3830



48.9312, 10.7183, -84.2975



25.4266, 66.5285, -175.3958



40.7319, -3.0115, -0.7497



34.2649, 6.4995, -56.8589



10.8441, 0.1332, -13.8417

Previews

White Background



This preview shows how the HunterLab color 55.4858, 38.2276, 34.8593 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 55.4858, 38.2276, 34.8593 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 55.4858, 38.2276, 34.8593 Background



This preview shows how black text looks on a background with the HunterLab color 55.4858, 38.2276, 34.8593.



This preview shows how white text looks on a background with the HunterLab color 55.4858, 38.2276,

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

55.4858, 38.2276, 34.8593

Protanopia

55.7285, -8.0286, 33.4443

Deuteranopia

55.4268, 3.8304, 34.2208



Tritanopia

55.4842, 48.5007, 18.0267

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4858, 38.2276, 34.8593 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, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 115, 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, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4858, 38.2276, 34.8593 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, 115, 0) }
```


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

```
.border{ border-color:rgb(240, 115, 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, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 115,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4858, 38.2276, 34.8593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 115, 0) }
```

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

```
.background{ background-color: rgb(240,  
115, 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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor