

Converting Colors

HunterLab(55.6253, 38.7038,
34.9536)

Have a look what the booklet for
HunterLab(55.6253, 38.7038,
34.9536) contains.

HunterLab(55.6437, 38.6592, 34.9642)	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(55.6437, 38.6592,
34.9642)**

Conversions

Conversions Part 1	
Format	Color
Hex	F17300
RGB	241, 115, 0
RGB Percent	95%, 45%, 0%
CMY	0.0549, 0.5490, 1.0000
CMYK	0.00, 0.52, 1.00, 0.05
HSL	29°, 100%, 47%
HSV	29°, 100%, 95%
XYZ	42.4063, 30.9622, 3.7412
YIQ	139.5640, 112.0110, -9.0530

Conversions

Conversions Part 2

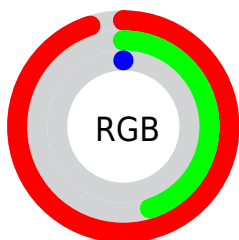
Format	Color
RYB	241, 220, 0
Decimal	15823616
CIELab	62.48, 43.80, 70.28
CIELCh	62, 82.814, 58.068
Yxy	30.9639, 0.5499, 0.4015
Android (android.graphics.Color)	4294013696 (0xFFFF17300)
YUV	139.5640, -68.8051, 88.9594
Hunter-Lab	55.6437, 38.6592, 34.9642

Details

The HunterLab color **55.6437, 38.6592, 34.9642** 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 **46.1217, 9.6087, -78.3900**, and the grayscale version is **51.2724, -2.7358, 2.7857**.

A 20% lighter version of the original color is **70.7659, 18.7597, 39.0793**, and **35.9195, 36.0773, 22.7650** is the 20% darker color. If you saturate the color by 10%, you get **55.6445, 38.6567, 34.9646**, and if you desaturate by 10%, it is **58.3979, 32.6291, 35.6724**.

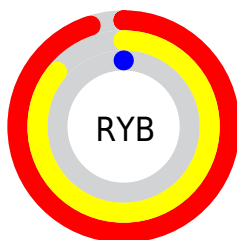
Distribution



Red (95%)

Green (45%)

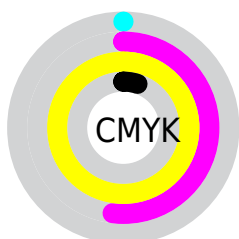
Blue (0%)



Red (95%)

Yellow (86%)

Blue (0%)

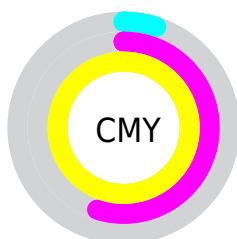


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.6437, 38.6592, 34.9642 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 55.6437, 38.6592, 34.9642 by changing the saturation by 10% instead.


 55.6437, 38.6592,
34.9642


 55.6437, 38.6592,
34.9642


175.0349, 47.6913,
73.3032


 45.3557, 37.1697,
29.8081


 78.2197, 41.2886,
44.5894


 35.7925, 35.5652,
24.7127


 90.4317, 42.4520,
49.1027


 27.0159, 33.8447,
18.9111


 103.2203, 43.5227,
53.4484

 19.1037, 32.0375,
13.3726

 116.5607, 44.5072,
57.6475

 12.1635, 30.2627,
8.5144

 130.4308, 45.4113,
61.7180


 5.2368, 39.5893,
3.6657

 144.8113, 46.2404,

0.0000, INF, NaN

65.6756


0.0000, NaN, NaN


 159.6846, 46.9990,
69.5335

0.0000, NaN, NaN


 55.6437, 38.6592,
34.9642

 55.6437, 38.6592,
34.9642


 55.6445, 38.6567,
34.9646

 58.3979, 32.6291,
35.6724

 61.4267, 26.8181,
35.5997

 64.7238, 21.3580,
34.5920

 68.2712, 16.3102,
32.6579

 72.0500, 11.7027,
29.8463

76.0410, 7.5400,
26.2249

80.2263, 3.8109,
21.8680

84.5893, 0.4948,
16.8488

89.1148, -2.4344,
11.2365

Harmonies

Analogous

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



55.6452, 72.3797, 25.9848



55.6437, 38.6592, 34.9642



55.6452, -0.6157, 36.8485

Triad

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



55.6452, 38.6549, 34.9648



55.6452, -56.6977, 5.2065



55.6452, 33.5559, -92.2639

Complementary

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



55.6437, 38.6592, 34.9642



46.1217, 9.6087, -78.3900

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.



55.6452, -5.2899, -111.4398



55.6437, 38.6592, 34.9642



55.6452, -51.8897, -37.8026

Square

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



55.6452, 38.6549, 34.9648



55.6452, -50.4382, 27.8406



55.6452, -35.1016, -87.0613



55.6452, 68.9473, -44.3692

Rectangle

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



55.6437, 38.6592, 34.9642



55.6452, -22.8859, 36.3256



55.6452, -35.1016, -87.0613



55.6452, 20.2077, -103.2416

Sweetspot

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



55.6452, 38.6549, 34.9648



85.4975, 4.0986, 23.3634



45.0260, 80.6002, 2.0199



38.6712, 2.6494, 11.7585

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.6452, 38.6549, 34.9648



59.2469, 41.4180, 37.2328



87.7264, -20.4401, 53.6986



41.2350, -1.1895, 5.0427



41.3004, 27.6903, 25.9338



12.7163, 6.1462, 7.9433

Inverse Universe

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



46.1217, 9.6087, -78.3900



49.0727, 10.4451, -83.8846



25.5449, 66.8510, -176.2399



40.7385, -3.0223, -0.7417



34.3616, 6.3157, -56.5829



10.8695, 0.0894, -13.7789

Previews

White Background



This preview shows how the HunterLab color 55.6437, 38.6592, 34.9642 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 55.6437, 38.6592, 34.9642 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 55.6437, 38.6592, 34.9642 Background



This preview shows how black text looks on a background with the HunterLab color 55.6437, 38.6592, 34.9642.



This preview shows how white text looks on a background with the HunterLab color 55.6437, 38.6592,

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

55.6437, 38.6592, 34.9642

Protanopia

55.8322, -7.6521, 33.4635

Deuteranopia

55.6982, 3.3475, 34.3796



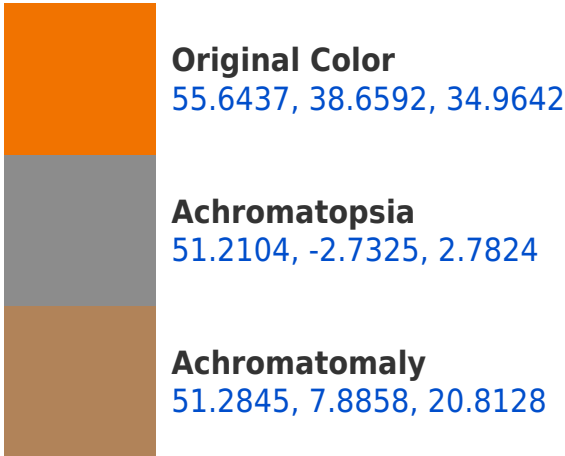
Tritanopia

55.6448, 48.9098, 18.1818

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6437, 38.6592, 34.9642 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, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6437, 38.6592, 34.9642 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, 115, 0) }
```


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

```
.border{ border-color:rgb(241, 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(241, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 115,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6437, 38.6592, 34.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 115, 0) }
```

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

```
.background{ background-color: rgb(241,  
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