

Converting Colors

HunterLab(55.3896, 37.6494,
34.7899)

Have a look what the booklet for
HunterLab(55.3896, 37.6494,
34.7899) contains.

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Color

**HunterLab(55.3283, 37.7962,
34.7547)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7300
RGB	239, 115, 0
RGB Percent	94%, 45%, 0%
CMY	0.0627, 0.5490, 1.0000
CMYK	0.00, 0.52, 1.00, 0.06
HSL	29°, 100%, 47%
HSV	29°, 100%, 94%
XYZ	41.7274, 30.6122, 3.7095
YIQ	138.9660, 110.8190, -9.4770

Conversions

Conversions Part 2

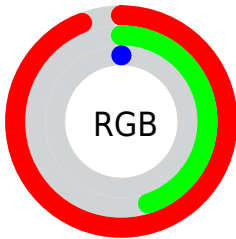
Format	Color
R_{YB}	239, 222, 0
Decimal	15692544
CIE _{Lab}	62.18, 43.03, 69.95
CIE _{LCh}	62, 82.130, 58.404
Yxy	30.6139, 0.5487, 0.4025
Android (android.graphics.Color)	4293882624 (0xFFEF7300)
YUV	138.9660, -68.5102, 87.7298
Hunter-Lab	55.3283, 37.7962, 34.7547

Details

The HunterLab color **55.3283, 37.7962, 34.7547** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **45.4393, 9.9983, -78.3780**, and the grayscale version is **51.0331, -2.7230, 2.7727**.

A 20% lighter version of the original color is **70.7571, 18.7141, 39.2100**, and **35.5935, 35.2860, 22.5503** is the 20% darker color. If you saturate the color by 10%, you get **55.3289, 37.7941, 34.7551**, and if you desaturate by 10%, it is **58.0520, 31.8637, 35.4517**.

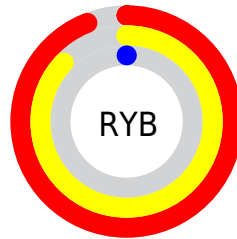
Distribution



Red (94%)

Green (45%)

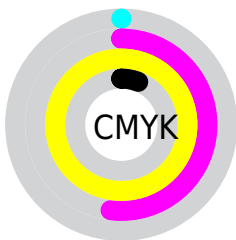
Blue (0%)



Red (94%)

Yellow (87%)

Blue (0%)

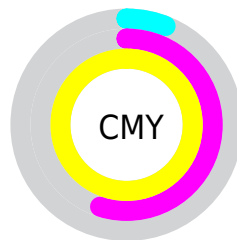


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.3283, 37.7962, 34.7547 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 55.3283, 37.7962, 34.7547 by changing the saturation by 10% instead.

55.3283, 37.7962,
34.7547

55.3283, 37.7962,
34.7547

174.5725, 46.6107,
72.9730

45.0611, 36.3317,
29.6117

77.8664, 40.3753,
44.3526

35.5204, 34.7512,
24.5410

90.0607, 41.5137,
48.8520

26.7681, 33.0531,
18.7377

102.8326, 42.5597,
53.1840

18.8831, 31.2646,
13.2182

116.1569, 43.5199,
57.3694

11.9738, 29.5013,
8.3817

130.0117, 44.4002,
61.4266

4.9130, 40.8225,
3.4391

144.3773, 45.2057,

0.0000, INF, NaN

65.3710

0.0000, NaN, NaN

159.2362, 45.9412,
69.2160

0.0000, NaN, NaN

55.3283, 37.7962,
34.7547

55.3283, 37.7962,
34.7547

55.3289, 37.7941,
34.7551

58.0520, 31.8637,
35.4517

61.0428, 26.1544,
35.3763

64.2949, 20.7960,
34.3745

67.7911, 15.8476,
32.4539

71.5132, 11.3357,
29.6618

■ 75.4427, 7.2641,
26.0642

■ 79.5623, 3.6217,
21.7339

■ 83.8559, 0.3880,
16.7430

■ 88.3087, -2.4626,
11.1595

Harmonies

Analogous

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



55.3298, 71.2850, 25.9376



55.3283, 37.7962, 34.7547



55.3298, -1.0305, 36.5967

Triad

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



55.3298, 37.7919, 34.7553



55.3298, -56.2065, 4.7997



55.3298, 33.6248, -90.6979

Complementary

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



55.3283, 37.7962, 34.7547



45.4393, 9.9983, -78.3780

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.



55.3298, -4.8540, -110.0746



55.3283, 37.7962, 34.7547



55.3298, -51.3101, -37.9173

Square

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



55.3298, 37.7919, 34.7553



55.3298, -50.1200, 27.4614



55.3298, -34.5188, -86.4548



55.3298, 68.4814, -43.2780

Rectangle

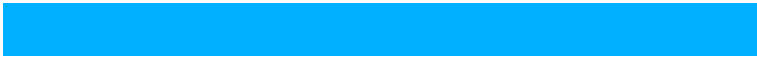
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3283, 37.7962, 34.7547



55.3298, -22.9997, 36.0491



55.3298, -34.5188, -86.4548



55.3298, 20.4239, -101.6583

Sweetspot

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



55.3298, 37.7919, 34.7553



85.5885, 3.9383, 23.4479



44.6042, 79.8478, 1.9792



38.7186, 2.5649, 11.8011

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.3298, 37.7919, 34.7553



59.4578, 40.9101, 37.3538



86.9027, -20.2496, 53.1944



41.2480, -1.2114, 5.0568



41.4457, 27.3444, 26.0173



12.7564, 6.0581, 7.9665

Inverse Universe

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



45.4393, 9.9983, -78.3780



48.7885, 10.9947, -84.7158



25.3084, 66.2066, -174.5531



40.7253, -3.0006, -0.7579



34.1675, 6.6855, -57.1384



10.8185, 0.1774, -13.9052

Previews

White Background



This preview shows how the HunterLab color 55.3283, 37.7962, 34.7547 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 55.3283, 37.7962, 34.7547 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 55.3283, 37.7962, 34.7547 Background



This preview shows how black text looks on a background with the HunterLab color 55.3283, 37.7962, 34.7547.



This preview shows how white text looks on a background with the HunterLab color 55.3283, 37.7962,

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

55.3283, 37.7962, 34.7547

Protanopia

55.4377, -7.5707, 33.2692

Deuteranopia

55.3101, 3.4384, 34.1420



Tritanopia

55.3241, 48.0918, 17.8716

Trichromacy



Original Color

55.3283, 37.7962, 34.7547

Protanomaly

54.5968, 7.9877, 33.3686

Deuteranomaly

54.9408, 15.6172, 34.1277

Tritanomaly

55.0760, 43.1544, 27.9075

Monochromacy



Original Color

55.3283, 37.7962, 34.7547

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.7778, 7.5405, 20.6408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3283, 37.7962, 34.7547 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(239, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3283, 37.7962, 34.7547 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(239, 115, 0) }
```


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

```
.border{ border-color:rgb(239, 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(239, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(239, 115,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3283, 37.7962, 34.7547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 115, 0) }
```

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

```
.background{ background-color: rgb(239,  
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](#).

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