

Converting Colors

HunterLab(55.5229, 41.4228,
34.9381)

Have a look what the booklet for
HunterLab(55.5229, 41.4228,
34.9381) contains.

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Color

**HunterLab(55.5171, 41.4292,
34.9346)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F47000 |
| RGB | 244, 112, 0 |
| RGB Percent | 96%, 44%, 0% |
| CMY | 0.0431, 0.5608, 1.0000 |
| CMYK | 0.00, 0.54, 1.00, 0.04 |
| HSL | 28°, 100%, 48% |
| HSV | 28°, 100%, 96% |
| XYZ | 43.1025, 30.8215, 3.6775 |
| YIQ | 138.7000, 114.6240, -6.8480 |

Conversions

Conversions Part 2

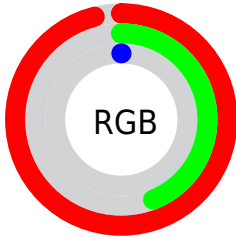
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 244, 207, 0 |
| Decimal | 16019456 |
| CIE Lab | 62.36, 46.39, 70.45 |
| CIE LCh | 62, 84.352, 56.634 |
| Yxy | 30.8232, 0.5554, 0.3972 |
| Android (android.graphics.Color) | 4294209536 (0xFFFF47000) |
| YUV | 138.7000, -68.3791, 92.3481 |
| Hunter-Lab | 55.5171, 41.4292, 34.9346 |

Details

The HunterLab color **55.5171, 41.4292, 34.9346** 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 **47.9940, 7.4303, -76.0276**, and the grayscale version is **50.9256, -2.7173, 2.7669**.

A 20% lighter version of the original color is **69.9729, 20.2761, 38.7013**, and **35.8207, 38.9021, 22.7536** is the 20% darker color. If you saturate the color by 10%, you get **55.5176, 41.4272, 34.9349**, and if you desaturate by 10%, it is **58.3272, 35.1434, 35.6549**.

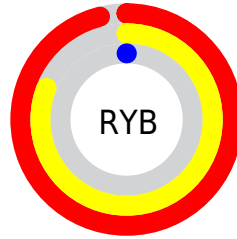
Distribution



Red (96%)

Green (44%)

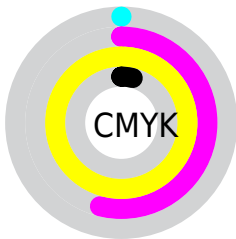
Blue (0%)



Red (96%)

Yellow (81%)

Blue (0%)

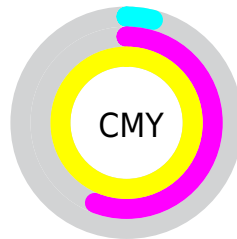


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5171, 41.4292, 34.9346 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 55.5171, 41.4292, 34.9346 by changing the saturation by 10% instead.

55.5171, 41.4292,
34.9346

55.5171, 41.4292,
34.9346

174.8494, 51.2701,
73.3701

45.2374, 39.8448,
29.7653

78.0779, 44.2487,
44.5853

35.6833, 38.1485,
24.6783

90.2828, 45.5056,
49.1105

26.9164, 36.3446,
18.8415

103.0647, 46.6682,
53.4674

19.0151, 34.4741,
13.3106

116.3987, 47.7430,
57.6771

12.0873, 32.6882,
8.4611

130.2627, 48.7355,
61.7577

5.1094, 43.5957,
3.5766

144.6372, 49.6512,

0.0000, INF, NaN

65.7248

0.0000, NaN, NaN

 159.5047, 50.4947,
69.5918


0.0000, NaN, NaN


 55.5171, 41.4292,
34.9346

 55.5171, 41.4292,
34.9346


 55.5176, 41.4272,
34.9349

 58.3272, 35.1434,
35.6549

 61.4388, 29.0483,
35.5831

 64.8429, 23.2903,
34.5667

 68.5187, 17.9414,
32.6196

 72.4443, 13.0354,
29.7965

■ 76.5980, 8.5798,
26.1708

■ 80.9597, 4.5645,
21.8211

■ 85.5107, 0.9685,
16.8241

■ 90.2343, -2.2351,
11.2509

Harmonies

Analogous

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



55.5187, 75.2506, 25.4796



55.5171, 41.4292, 34.9346



55.5187, 1.2398, 36.9471

Triad

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



55.5187, 41.4247, 34.9353



55.5187, -57.3115, 6.8214



55.5187, 32.3455, -96.7125

Complementary

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



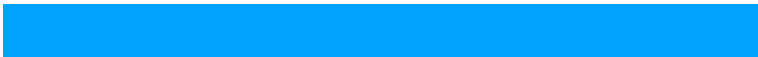
55.5171, 41.4292, 34.9346



47.9940, 7.4303, -76.0276

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.



55.5187, -7.0489, -114.4467



55.5171, 41.4292, 34.9346



55.5187, -53.0144, -36.2824

Square

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



55.5187, 41.4247, 34.9353



55.5187, -50.4666, 28.7172



55.5187, -36.6924, -87.3654



55.5187, 69.1238, -48.0317

Rectangle

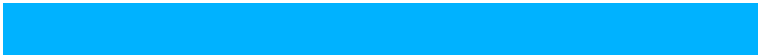
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.5171, 41.4292, 34.9346



55.5187, -21.7570, 36.5389



55.5187, -36.6924, -87.3654



55.5187, 18.7149, -107.4584

Sweetspot

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



55.5187, 41.4247, 34.9353



85.0843, 4.8288, 22.9789



45.7822, 82.1742, 0.3439



38.4559, 3.0345, 11.5647

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.5187, 41.4247, 34.9353



58.3052, 43.7151, 36.6927



87.6547, -18.7730, 53.6836



42.1140, -1.1115, 5.0983



41.2623, 29.7548, 25.9466



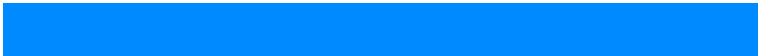
13.0363, 6.9418, 8.1544

Inverse Universe

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



47.9940, 7.4303, -76.0276



50.3803, 7.9606, -80.1556



26.0763, 67.0619, -177.3592



41.7278, -3.1944, -0.6902



35.7785, 4.7576, -54.9902



11.5350, -0.2306, -13.9200

Previews

White Background



This preview shows how the HunterLab color 55.5171, 41.4292, 34.9346 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 55.5171, 41.4292, 34.9346 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 55.5171, 41.4292, 34.9346 Background



This preview shows how black text looks on a background with the HunterLab color 55.5171, 41.4292, 34.9346.



This preview shows how white text looks on a background with the HunterLab color 55.5171, 41.4292, 34.9346.

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

55.5171, 41.4292, 34.9346

Protanopia

55.7319, -8.0096, 33.3940

Deuteranopia

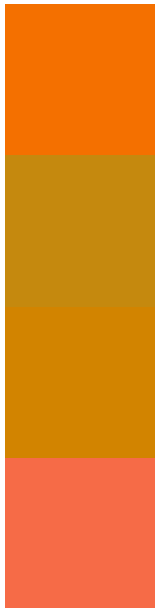
55.6982, 3.3475, 34.3796



Tritanopia

55.5180, 51.3116, 19.0475

Trichromacy



Original Color

55.5171, 41.4292, 34.9346

Protanomaly

54.5833, 9.2931, 33.3454

Deuteranomaly

54.9583, 16.9466, 34.1617

Tritanomaly

55.2840, 46.6146, 28.4886

Monochromacy



Original Color

55.5171, 41.4292, 34.9346

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.7466, 8.7793, 20.6367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5171, 41.4292, 34.9346 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(244, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 112, 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(244, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 112, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5171, 41.4292, 34.9346 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(244, 112, 0) }
```


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

```
.border{ border-color:rgb(244, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 112,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5171, 41.4292, 34.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 112, 0) }
```

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

```
.background{ background-color: rgb(244,  
112, 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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