

Converting Colors

HunterLab(54.9696, 37.1718,
34.5208)

Have a look what the booklet for
HunterLab(54.9696, 37.1718,
34.5208) contains.

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Color

**HunterLab(55.0145, 36.9340,
34.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7300
RGB	237, 115, 0
RGB Percent	93%, 45%, 0%
CMY	0.0706, 0.5490, 1.0000
CMYK	0.00, 0.51, 1.00, 0.07
HSL	29°, 100%, 46%
HSV	29°, 100%, 93%
XYZ	41.0557, 30.2660, 3.6780
YIQ	138.3680, 109.6270, -9.9010

Conversions

Conversions Part 2

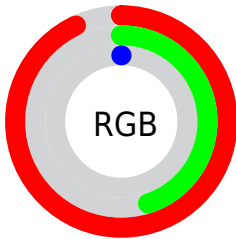
Format	Color
R _Y B	237, 223, 0
Decimal	15561472
CIE Lab	61.88, 42.26, 69.63
CIE LCh	62, 81.447, 58.748
Yxy	30.2676, 0.5474, 0.4036
Android (android.graphics.Color)	4293751552 (0xFFED7300)
YUV	138.3680, -68.2154, 86.5003
Hunter-Lab	55.0145, 36.9340, 34.5463

Details

The HunterLab color **55.0145, 36.9340, 34.5463** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **44.7582, 10.3894, -78.3711**, and the grayscale version is **50.7938, -2.7102, 2.7597**.

A 20% lighter version of the original color is **70.7571, 18.7141, 39.2100**, and **35.2693, 34.4949, 22.3367** is the 20% darker color. If you saturate the color by 10%, you get **55.0153, 36.9315, 34.5467**, and if you desaturate by 10%, it is **57.7074, 31.0997, 35.2320**.

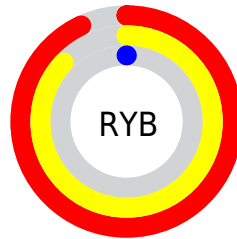
Distribution



Red (93%)

Green (45%)

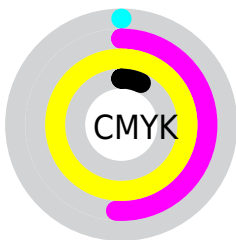
Blue (0%)



Red (93%)

Yellow (87%)

Blue (0%)

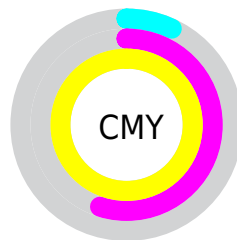


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.0145, 36.9340, 34.5463 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 55.0145, 36.9340, 34.5463 by changing the saturation by 10% instead.

55.0145, 36.9340,
34.5463

55.0145, 36.9340,
34.5463

174.1120, 45.5282,
72.6441

44.7681, 35.4949,
29.4164

77.5146, 39.4621,
44.1168

35.2497, 33.9390,
24.3707

89.6915, 40.5752,
48.6025

26.5219, 32.2637,
18.5653

102.4467, 41.5962,
52.9207

18.6640, 30.4944,
13.0648

115.7550, 42.5318,
57.0926

11.7857, 28.7430,
8.2500

129.5943, 43.3878,
61.1364


4.5675, 42.5178,
3.1973

143.9451, 44.1696,


0.0000, INF, NaN


65.0677


0.0000, NaN, NaN


 158.7896, 44.8816,
68.8998


0.0000, NaN, NaN


 55.0145, 36.9340,
34.5463


 55.0145, 36.9340,
34.5463


 55.0153, 36.9315,
34.5467

 57.7074, 31.0997,
35.2320

 60.6598, 25.4922,
35.1538

 63.8667, 20.2355,
34.1579

 67.3116, 15.3863,
32.2508

 70.9768, 10.9698,
29.4781

■ 74.8448, 6.9892,
25.9044

■ 78.8987, 3.4333,
21.6007

■ 83.1229, 0.2818,
16.6381

■ 87.5031, -2.4904,
11.0834

Harmonies

Analogous

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



55.0160, 70.1922, 25.8913



55.0145, 36.9340, 34.5463



55.0160, -1.4459, 36.3453

Triad

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



55.0160, 36.9298, 34.5469



55.0160, -55.7161, 4.3884



55.0160, 33.6967, -89.1372

Complementary

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



55.0145, 36.9340, 34.5463



44.7582, 10.3894, -78.3711

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.



55.0160, -4.4153, -108.7140



55.0145, 36.9340, 34.5463



55.0160, -50.7300, -38.0362

Square

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



55.0160, 36.9298, 34.5469



55.0160, -49.8035, 27.0792



55.0160, -33.9340, -85.8521



55.0160, 68.0183, -42.1908

Rectangle

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



55.0145, 36.9340, 34.5463



55.0160, -23.1150, 35.7723



55.0160, -33.9340, -85.8521



55.0160, 20.6433, -100.0801

Sweetspot

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



55.0160, 36.9298, 34.5469



85.6812, 3.7751, 23.5340



44.0691, 78.6828, 3.5626



38.7669, 2.4788, 11.8445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.0160, 36.9298, 34.5469



59.6742, 40.3914, 37.4781



87.3556, -21.9380, 53.4439



40.3244, -1.2082, 4.9496



40.9701, 26.5300, 25.7100



12.2883, 5.6062, 7.6701

Inverse Universe

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



44.7582, 10.3894, -78.3711



48.5002, 11.5560, -85.5671



24.9004, 66.3107, -174.2682



39.7886, -2.9092, -0.7496



33.4682, 6.9095, -56.7480



10.3544, 0.1589, -13.2851

Previews

White Background



This preview shows how the HunterLab color 55.0145, 36.9340, 34.5463 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 55.0145, 36.9340, 34.5463 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 55.0145, 36.9340, 34.5463 Background



This preview shows how black text looks on a background with the HunterLab color 55.0145, 36.9340, 34.5463.



This preview shows how white text looks on a background with the HunterLab color 55.0145, 36.9340,

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

55.0145, 36.9340, 34.5463

Protanopia

55.0471, -7.4705, 33.0248

Deuteranopia

54.9225, 3.5293, 33.9048



Tritanopia

55.0051, 47.2749, 17.5617

Trichromacy



Original Color

55.0145, 36.9340, 34.5463

Protanomaly

54.2123, 8.0768, 33.1303

Deuteranomaly

54.4282, 15.2873, 33.8061

Tritanomaly

54.7573, 42.3108, 27.6568

Monochromacy



Original Color

55.0145, 36.9340, 34.5463

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.6641, 7.1677, 20.5401

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.0145, 36.9340, 34.5463 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(237, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.0145, 36.9340, 34.5463 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(237, 115, 0) }
```


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

```
.border{ border-color:rgb(237, 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(237, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 115,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.0145, 36.9340, 34.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 115, 0) }
```

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

```
.background{ background-color: rgb(237,  
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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