

Converting Colors

HunterLab(57.3909, 33.7407,
35.9559)

Have a look what the booklet for
HunterLab(57.3909, 33.7407,
35.9559) contains.

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Color

**HunterLab(57.3939, 33.7387,
35.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	F07C00
RGB	240, 124, 0
RGB Percent	94%, 49%, 0%
CMY	0.0588, 0.5137, 1.0000
CMYK	0.00, 0.48, 1.00, 0.06
HSL	31°, 100%, 47%
HSV	31°, 100%, 94%
XYZ	43.1429, 32.9406, 4.0843
YIQ	144.5480, 108.9400, -13.9720

Conversions

Conversions Part 2

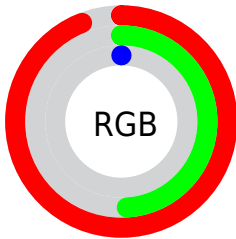
Format	Color
R _Y B	225, 240, 0
Decimal	15760384
CIE Lab	64.11, 38.94, 71.18
CIE LCh	64, 81.133, 61.315
Yxy	32.9424, 0.5381, 0.4109
Android (android.graphics.Color)	4293950464 (0xFFFF07C00)
YUV	144.5480, -71.2622, 83.7114
Hunter-Lab	57.3939, 33.7387, 35.9565

Details

The HunterLab color **57.3939, 33.7387, 35.9565** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **43.3384, 14.6615, -85.8186**, and the grayscale version is **53.2781, -2.8428, 2.8947**.

A 20% lighter version of the original color is **73.1818, 14.1277, 40.5120**, and **37.4102, 31.3305, 23.6005** is the 20% darker color. If you saturate the color by 10%, you get **57.3945, 33.7367, 35.9568**, and if you desaturate by 10%, it is **60.0741, 28.1308, 36.6565**.

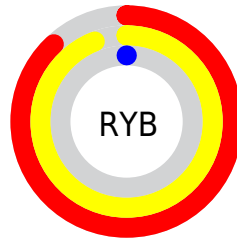
Distribution



Red (94%)

Green (49%)

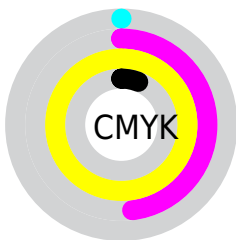
Blue (0%)



Red (88%)

Yellow (94%)

Blue (0%)

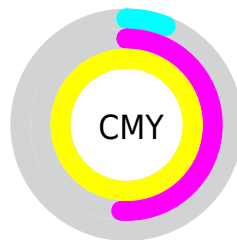


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.3939, 33.7387, 35.9565 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 57.3939, 33.7387, 35.9565 by changing the saturation by 10% instead.

57.3939, 33.7387,
35.9565

57.3939, 33.7387,
35.9565

177.5923, 41.1165,
74.5155

46.9918, 32.4526,
30.7847

80.1783, 35.9696,
45.6205

37.3060, 31.0495,
25.5716

92.4865, 36.9399,
50.1567

28.3958, 29.5197,
19.8771

105.3670, 37.8223,
54.5268

20.3358, 27.8709,
14.2350

118.7956, 38.6232,
58.7515

13.2273, 26.1582,
9.2591

132.7506, 39.3483,
62.8485

6.7489, 28.0782,
4.7242

147.2129, 40.0027,

0.0000, INF, NaN

66.8331

0.0000, NaN, NaN

162.1653, 40.5908,
70.7183

0.0000, NaN, NaN

57.3939, 33.7387,
35.9565

57.3939, 33.7387,
35.9565

57.3945, 33.7367,
35.9568

60.0741, 28.1308,
36.6565

62.9845, 22.7910,
36.5765

66.1233, 17.8280,
35.5583

69.4779, 13.2886,
33.5991

73.0340, 9.1920,
30.7365

■ 76.7770, 5.5388,
27.0280

■ 80.6928, 2.3169,
22.5402

■ 84.7680, -0.4939,
17.3412

■ 88.9903, -2.9178,
11.4970

Harmonies

Analogous

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



57.3955, 68.1289, 27.7532



57.3939, 33.7387, 35.9565



57.3955, -4.6318, 37.5708

Triad

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



57.3955, 33.7345, 35.9571



57.3955, -56.8276, 1.6059



57.3955, 37.1403, -85.3285

Complementary

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



57.3939, 33.7387, 35.9565



43.3384, 14.6615, -85.8186

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.



57.3955, -1.4824, -107.9825



57.3939, 33.7387, 35.9565



57.3955, -50.7204, -42.2237

Square

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



57.3955, 33.7345, 35.9571



57.3955, -51.7196, 26.4584



57.3955, -32.4349, -88.7375



57.3955, 70.4094, -37.8818

Rectangle

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



57.3939, 33.7387, 35.9565



57.3955, -25.9439, 36.7369



57.3955, -32.4349, -88.7375



57.3955, 24.0740, -97.0549

Sweetspot

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



57.3955, 33.7345, 35.9571



86.4007, 2.5148, 24.1995



44.4819, 79.0103, 6.7674



39.1423, 1.8143, 12.1801

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.3955, 33.7345, 35.9571



61.3970, 36.3448, 38.4688



89.5279, -25.5786, 54.7187



41.3640, -1.4067, 5.1818



42.7794, 24.2402, 26.7848



13.1213, 5.2726, 8.1776

Inverse Universe

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



43.3384, 14.6615, -85.8186



46.3109, 15.9456, -92.3067



25.1342, 68.0708, -177.7853



40.6074, -2.8069, -0.9020



32.4731, 10.0160, -62.2102



10.3712, 0.9688, -15.0545

Previews

White Background



This preview shows how the HunterLab color 57.3939, 33.7387, 35.9565 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 57.3939, 33.7387, 35.9565 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 57.3939, 33.7387, 35.9565 Background



This preview shows how black text looks on a background with the HunterLab color 57.3939, 33.7387, 35.9565.



This preview shows how white text looks on a background with the HunterLab color 57.3939, 33.7387,

35.9565.

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

57.3939, 33.7387, 35.9565

Protanopia

57.4957, -7.7308, 34.6108

Deuteranopia

57.4892, 3.7687, 35.4906



Tritanopia

57.3800, 45.8385, 16.7971

Trichromacy



Original Color

57.3939, 33.7387, 35.9565

Protanomaly

56.6725, 6.6495, 34.6394

Deuteranomaly

57.1064, 14.6949, 35.4459

Tritanomaly

57.0628, 40.3297, 28.3788

Monochromacy



Original Color

57.3939, 33.7387, 35.9565

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.2610, 6.3299, 21.6586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.3939, 33.7387, 35.9565 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, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 124, 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, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 124, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.3939, 33.7387, 35.9565 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, 124, 0) }
```


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

```
.border{ border-color:rgb(240, 124, 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, 124, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 124,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.3939, 33.7387, 35.9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 124, 0) }
```

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

```
.background{ background-color: rgb(240,  
124, 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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