

Converting Colors

HunterLab(61.6325, 44.7466,
38.9151)

Have a look what the booklet for
HunterLab(61.6325, 44.7466,
38.9151) contains.

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Color

**HunterLab(59.9393, 39.7590,
37.6304)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D00
RGB	255, 125, 0
RGB Percent	100%, 49%, 0%
CMY	0.0000, 0.5098, 1.0000
CMYK	0.00, 0.51, 1.00, 0.00
HSL	29°, 100%, 50%
HSV	29°, 100%, 100%
XYZ	48.5736, 35.9272, 4.3745
YIQ	149.6200, 117.6050, -11.3150

Conversions

Conversions Part 2

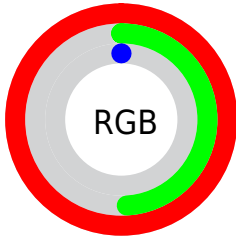
Format	Color
R _Y B	255, 245, 0
Decimal	16743680
CIE Lab	66.47, 44.30, 73.68
CIE LCh	66, 85.971, 58.985
Yxy	35.9292, 0.5465, 0.4042
Android (android.graphics.Color)	4294933760 (0xFFFF7D00)
YUV	149.6200, -73.7627, 92.4183
Hunter-Lab	59.9393, 39.7590, 37.6304

Details

The HunterLab color **59.9393, 39.7590, 37.6304** 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 **48.1507, 12.2412, -86.6089**, and the grayscale version is **55.3289, -2.9522, 3.0061**.

A 20% lighter version of the original color is **73.4630, 13.6553, 40.5585**, and **39.6387, 36.9873, 25.0727** is the 20% darker color. If you saturate the color by 10%, you get **59.9401, 39.7564, 37.6308**, and if you desaturate by 10%, it is **62.8581, 33.4337, 38.4233**.

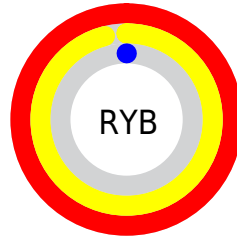
Distribution



Red (100%)

Green (49%)

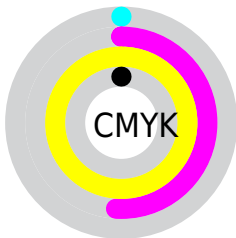
Blue (0%)



Red (100%)

Yellow (96%)

Blue (0%)

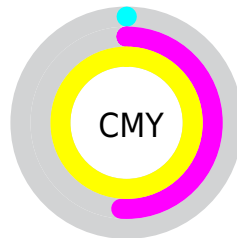


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9393, 39.7590, 37.6304 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 59.9393, 39.7590, 37.6304 by changing the saturation by 10% instead.

59.9393, 39.7590,
37.6304

59.9393, 39.7590,
37.6304

181.2873, 48.6428,
77.0889

49.3756, 38.2975,
32.3615

83.0197, 42.3400,
47.4970

39.5163, 36.7229,
26.9866

95.4649, 43.4833,
52.1358

30.4178, 35.0302,
21.2924

108.4764, 44.5363,
56.6084

22.1499, 33.2363,
15.5049

122.0305, 45.5052,
60.9345

14.8065, 31.4137,
10.3645

136.1065, 46.3956,
65.1317


8.4605, 30.2924,
5.9224

150.6855, 47.2124,


0.0000, INF, NaN


69.2148


0.0000, NaN, NaN


 165.7509, 47.9602,
73.1968


0.0000, NaN, NaN


 59.9393, 39.7590,
37.6304


 59.9393, 39.7590,
37.6304


 59.9401, 39.7564,
37.6308

 62.8581, 33.4337,
38.4233

 66.0564, 27.3635,
38.3707

 69.5285, 21.6792,
37.3128

 73.2571, 16.4421,
35.2532

 77.2236, 11.6794,
32.2400

81.4090, 7.3944,
28.3423

85.7955, 3.5748,
23.6373

90.3663, 0.1986,
18.2025

95.1062, -2.7619,
12.1113

Harmonies

Analogous

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



59.9410, 75.9640, 28.2839



59.9393, 39.7590, 37.6304



59.9410, -1.8884, 39.5659

Triad

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



59.9410, 39.7544, 37.6311



59.9410, -60.5756, 4.4933



59.9410, 36.9090, -96.3408

Complementary

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



59.9393, 39.7590, 37.6304



48.1507, 12.2412, -86.6089

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.



59.9410, -4.5034, -117.8988



59.9393, 39.7590, 37.6304



59.9410, -55.0551, -41.6906

Square

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



59.9410, 39.7544, 37.6311



59.9410, -54.2379, 29.3327



59.9410, -36.6809, -93.4537



59.9410, 74.0515, -45.3442

Rectangle

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



59.9393, 39.7590, 37.6304



59.9410, -25.3669, 38.9198



59.9410, -36.6809, -93.4537



59.9410, 22.7413, -108.2960

Sweetspot

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



59.9410, 39.7544, 37.6311



85.7945, 3.5760, 23.6390



47.8740, 85.4504, 4.0698



38.8260, 2.3738, 11.8974

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.9410, 39.7544, 37.6311



59.9403, 39.7566, 37.6309



94.9198, -23.8309, 58.0718



44.1105, -1.3405, 5.4572



43.6697, 27.9303, 27.3980



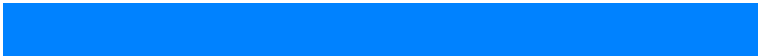
14.4041, 6.9473, 8.9973

Inverse Universe

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



48.1507, 12.2412, -86.6089



48.1498, 12.2433, -86.6127



27.0415, 72.1296, -189.5055



43.4843, -3.1586, -0.8709



35.2336, 8.0127, -61.3360



11.9475, 0.7310, -16.5113

Previews

White Background



This preview shows how the HunterLab color 59.9393, 39.7590, 37.6304 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 59.9393, 39.7590, 37.6304 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 59.9393, 39.7590, 37.6304 Background



This preview shows how black text looks on a background with the HunterLab color 59.9393, 39.7590, 37.6304.



This preview shows how white text looks on a background with the HunterLab color 59.9393, 39.7590,

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

59.9393, 39.7590, 37.6304

Protanopia

60.2690, -8.3847, 36.1932

Deuteranopia

60.0752, 4.0105, 37.0883



Tritanopia

59.9667, 48.6618, 18.2872

Trichromacy



Original Color

59.9393, 39.7590, 37.6304

Protanomaly

59.2323, 8.2313, 36.1904

Deuteranomaly

59.4415, 16.8580, 36.9227

Tritanomaly

59.5936, 44.0540, 29.9418

Monochromacy



Original Color

59.9393, 39.7590, 37.6304

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.2877, 7.6242, 22.5913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.9393, 39.7590, 37.6304 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(255, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 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(255, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.9393, 39.7590, 37.6304 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(255, 125, 0) }
```


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

```
.border{ border-color:rgb(255, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.9393, 39.7590, 37.6304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 0) }
```

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

```
.background{ background-color: rgb(255,  
125, 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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