

Converting Colors

HunterLab(57.2659, 47.3264,
33.8968)

Have a look what the booklet for
HunterLab(57.2659, 47.3264,
33.8968) contains.

HunterLab(57.2617, 47.3159, 33.9406)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(57.2617, 47.3159,
33.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F29
RGB	255, 111, 41
RGB Percent	100%, 44%, 16%
CMY	0.0000, 0.5647, 0.8392
CMYK	0.00, 0.56, 0.84, 0.00
HSL	20°, 100%, 58%
HSV	20°, 84%, 100%
XYZ	47.3247, 32.7890, 5.9325
YIQ	146.0760, 108.2940, 8.7580

Conversions

Conversions Part 2

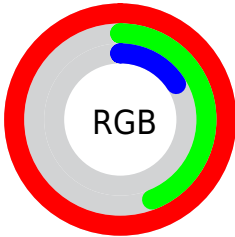
Format	Color
R _Y B	255, 145, 41
Decimal	16740137
CIE Lab	63.99, 51.51, 62.09
CIE LCh	64, 80.676, 50.323
Yxy	32.7909, 0.5500, 0.3811
Android (android.graphics.Color)	4294930217 (0xFFFF6F29)
YUV	146.0760, -51.8025, 95.5263
Hunter-Lab	57.2617, 47.3159, 33.9406

Details

The HunterLab color **57.2617, 47.3159, 33.9406** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **65.1047, -14.3757, -46.2919**, and the grayscale version is **53.8168, -2.8715, 2.9240**.

A 20% lighter version of the original color is **70.2302, 21.5947, 34.9108**, and **37.1154, 43.9765, 23.6402** is the 20% darker color. If you saturate the color by 10%, you get **54.1062, 54.8249, 33.7837**, and if you desaturate by 10%, it is **60.9435, 39.7343, 33.1584**.

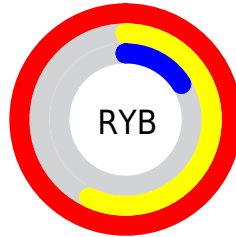
Distribution



Red (100%)

Green (44%)

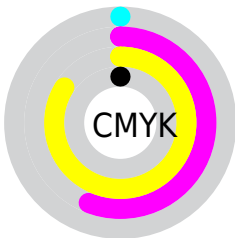
Blue (16%)



Red (100%)

Yellow (57%)

Blue (16%)

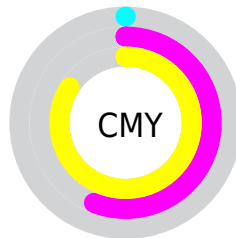


Cyan (0%)

Magenta (56%)

Yellow (84%)

Black (0%)



Cyan (0%)


Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 57.2617, 47.3159, 33.9406 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 57.2617, 47.3159, 33.9406 by changing the saturation by 10% instead.


 57.2617, 47.3159,
33.9406


 57.2617, 47.3159,
33.9406


177.3996, 58.5648,
68.1125


 46.8682, 45.5749,
29.3463


 80.0305, 50.4561,
42.4885


 37.1916, 43.7304,
24.5011


 92.3315, 51.8737,
46.4972


 28.2913, 41.7938,
19.8039


 105.2052, 53.1958,
50.3618

 20.2423, 39.8211,
14.1696

 118.6271, 54.4283,
54.1020

 13.1463, 37.9927,
9.2024

 132.5758, 55.5766,
57.7343

 6.6472, 41.6540,
4.6530

 147.0320, 56.6459,

0.0000, INF, NaN

61.2727

0.0000, NaN, NaN

161.9784, 57.6405,
64.7288

0.0000, NaN, NaN

■ 57.2617, 47.3159,
33.9406

■ 57.2617, 47.3159,
33.9406

■ 54.1062, 54.8249,
33.7837

■ 60.9435, 39.7343,
33.1584

■ 52.4508, 59.1944,
33.3562

■ 65.1021, 32.3398,
31.4600

■ 69.6902, 25.2827,
28.9352

■ 74.6598, 18.6458,
25.6938

■ 79.9668, 12.4600,
21.8442

85.5723, 6.7226,
17.4830

91.4422, 1.4111,
12.6924

97.5474, -3.5070,
7.5398

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



57.2633, 75.9520, 21.3808



57.2617, 47.3159, 33.9406



57.2633, 8.8619, 37.2793

Triad

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



57.2633, 47.3112, 33.9413



57.2633, -55.9710, 12.9849



57.2633, 22.6040, -97.1921

Complementary

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



57.2617, 47.3159, 33.9406



65.1047, -14.3757, -46.2919

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.



57.2633, -14.0771, -104.7989



57.2617, 47.3159, 33.9406



57.2633, -54.0042, -24.3020

Square

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



57.2633, 47.3112, 33.9413



57.2633, -46.6616, 30.9930



57.2633, -40.4188, -72.6671



57.2633, 59.4497, -55.6975

Rectangle

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



57.2617, 47.3159, 33.9406



57.2633, -14.7739, 37.2565



57.2633, -40.4188, -72.6671



57.2633, 9.6817, -104.4835

Sweetspot

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



57.2633, 47.3112, 33.9413



84.9542, 7.3209, 17.9759



51.4235, 87.1340, -21.1446



38.3826, 4.3041, 9.0420

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.2633, 47.3112, 33.9413



52.4510, 59.1946, 33.3563



83.9120, -6.1592, 50.1159



43.5401, -0.3734, 4.8384



38.2307, 41.8953, 24.2910



12.6990, 11.0006, 8.0177

Inverse Universe

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



65.1047, -14.3757, -46.2919



60.4692, -9.2267, -55.6635



36.6923, 42.0856, -129.5264



44.0692, -4.1132, -0.1607



44.0343, -7.1737, -39.5531



14.4480, -3.3128, -10.9074

Previews

White Background



This preview shows how the HunterLab color 57.2617, 47.3159, 33.9406 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 57.2617, 47.3159, 33.9406 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 57.2617, 47.3159, 33.9406 Background



This preview shows how black text looks on a background with the HunterLab color 57.2617, 47.3159, 33.9406.



This preview shows how white text looks on a background with the HunterLab color 57.2617, 47.3159,

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

57.2617, 47.3159, 33.9406

Protanopia

57.4661, -7.4926, 31.9273

Deuteranopia

57.1569, 4.1691, 34.3964



Tritanopia

57.2366, 53.8173, 20.0279

Trichromacy



Original Color

57.2617, 47.3159, 33.9406

Protanomaly

56.2726, 11.0864, 31.9228

Deuteranomaly

56.4762, 19.2939, 33.8487

Tritanomaly

57.1605, 50.8710, 26.7599

Monochromacy



Original Color

57.2617, 47.3159, 33.9406

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.1948, 12.0867, 17.1770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.2617, 47.3159, 33.9406 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, 111, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 41)  
}
```

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, 111, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 57.2617, 47.3159, 33.9406 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, 111, 41) }
```


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

```
.border{ border-color:rgb(255, 111, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.2617, 47.3159, 33.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 41) }
```

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

```
.background{ background-color: rgb(255,  
111, 41) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor