

Converting Colors

HunterLab(58.4144, 37.7112,
36.6549)

Have a look what the booklet for
HunterLab(58.4144, 37.7112,
36.6549) contains.

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Color

**HunterLab(58.4144, 37.7112,
36.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	F87B00
RGB	248, 123, 0
RGB Percent	97%, 48%, 0%
CMY	0.0275, 0.5176, 1.0000
CMYK	0.00, 0.50, 1.00, 0.03
HSL	30°, 100%, 49%
HSV	30°, 100%, 97%
XYZ	45.7944, 34.1224, 4.1726
YIQ	146.3530, 113.9830, -11.7530

Conversions

Conversions Part 2

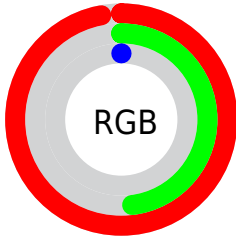
Format	Color
R_{YB}	248, 244, 0
Decimal	16284416
CIE _{Lab}	65.06, 42.58, 72.33
CIE _{LCh}	65, 83.930, 59.515
Yxy	34.1243, 0.5446, 0.4058
Android (android.graphics.Color)	4294474496 (0xFFFF87B00)
YUV	146.3530, -72.1520, 89.1444
Hunter-Lab	58.4144, 37.7112, 36.6549

Details

The HunterLab color **58.4144, 37.7112, 36.6549** 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 **46.3080, 12.5388, -84.9479**, and the grayscale version is **54.0060, -2.8816, 2.9342**.

A 20% lighter version of the original color is **72.9104, 14.6467, 40.3358**, and **38.3364, 35.4414, 24.2432** is the 20% darker color. If you saturate the color by 10%, you get **58.4151, 37.7088, 36.6553**, and if you desaturate by 10%, it is **61.2337, 31.6548, 37.4061**.

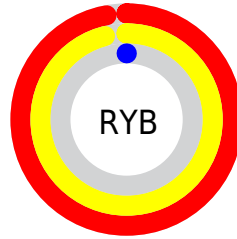
Distribution



Red (97%)

Green (48%)

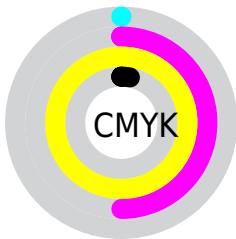
Blue (0%)



Red (97%)

Yellow (96%)

Blue (0%)

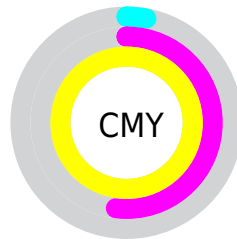


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4144, 37.7112, 36.6549 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 58.4144, 37.7112, 36.6549 by changing the saturation by 10% instead.

58.4144, 37.7112,
36.6549

58.4144, 37.7112,
36.6549

179.0771, 46.1670,
75.6474

47.9470, 36.2972,
31.4349

81.3185, 40.1957,
46.4184

38.1909, 34.7682,
26.1515

93.6820, 41.2904,
51.0045

29.2044, 33.1184,
20.4431

106.6154, 42.2951,
55.4241

21.0600, 31.3635,
14.7420

120.0947, 43.2160,
59.6976

13.8560, 29.5772,
9.6992

134.0985, 44.0589,
63.8425

7.4853, 29.9064,
5.2397

148.6080, 44.8288,

0.0000, INF, NaN

67.8740

0.0000, NaN, NaN

163.6059, 45.5301,
71.8053

0.0000, NaN, NaN

58.4144, 37.7112,
36.6549

58.4144, 37.7112,
36.6549

58.4151, 37.7088,
36.6553

61.2337, 31.6548,
37.4061

64.3159, 25.8531,
37.3426

67.6564, 20.4296,
36.3065

71.2395, 15.4407,
34.3000

75.0478, 10.9109,
31.3681

■ 79.0637, 6.8428,
27.5763

■ 83.2706, 3.2241,
22.9977

■ 87.6527, 0.0336,
17.7064

■ 92.1959, -2.7549,
11.7728

Harmonies

Analogous

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



58.4160, 72.9294, 27.7251



58.4144, 37.7112, 36.6549



58.4160, -2.5148, 38.4869

Triad

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



58.4160, 37.7068, 36.6556



58.4160, -58.7570, 3.7514



58.4160, 36.3943, -92.2238

Complementary

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



58.4144, 37.7112, 36.6549



46.3080, 12.5388, -84.9479

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.



58.4160, -3.7228, -113.7224



58.4144, 37.7112, 36.6549



58.4160, -53.1852, -41.1711

Square

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



58.4160, 37.7068, 36.6556



58.4160, -52.8064, 28.2124



58.4160, -35.1163, -90.8962



58.4160, 72.0480, -42.8537

Rectangle

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



58.4144, 37.7112, 36.6549



58.4160, -25.1156, 37.8091



58.4160, -35.1163, -90.8962



58.4160, 22.7046, -103.9441

Sweetspot

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



58.4160, 37.7068, 36.6556



85.9264, 3.3444, 23.7612



46.3882, 82.8075, 3.8714



38.8948, 2.2517, 11.9590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.4160, 37.7068, 36.6556



60.2527, 39.0162, 37.8105



91.9658, -23.0917, 56.2645



43.1825, -1.3473, 5.3552



43.2592, 26.9521, 27.1280



13.9465, 6.4403, 8.7065

Inverse Universe

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



46.3080, 12.5388, -84.9479



47.7444, 13.0454, -87.8376



26.2054, 69.8571, -183.5548



42.5311, -3.0561, -0.8699



34.4455, 8.4075, -61.2032



11.4499, 0.7540, -15.9390

Previews

White Background



This preview shows how the HunterLab color 58.4144, 37.7112, 36.6549 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 58.4144, 37.7112, 36.6549 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 58.4144, 37.7112, 36.6549 Background



This preview shows how black text looks on a background with the HunterLab color 58.4144, 37.7112, 36.6549.



This preview shows how white text looks on a background with the HunterLab color 58.4144, 37.7112,

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

58.4144, 37.7112, 36.6549

Protanopia

58.6838, -7.9976, 35.2538

Deuteranopia

58.3884, 3.9809, 36.0484



Tritanopia

58.4253, 49.5219, 18.1835

Trichromacy



Original Color

58.4144, 37.7112, 36.6549

Protanomaly

57.8160, 7.6832, 35.3344

Deuteranomaly

57.8860, 15.8576, 35.9467

Tritanomaly

58.1222, 44.2260, 29.2363

Monochromacy



Original Color

58.4144, 37.7112, 36.6549

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.8837, 7.0476, 21.9313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4144, 37.7112, 36.6549 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(248, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 123, 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(248, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 123, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4144, 37.7112, 36.6549 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(248, 123, 0) }
```


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

```
.border{ border-color:rgb(248, 123, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 123, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(248, 123,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4144, 37.7112, 36.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 123, 0) }
```

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

```
.background{ background-color: rgb(248,  
123, 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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