

Converting Colors

HunterLab(47.5742, 64.1116,
30.4374)

Have a look what the booklet for
HunterLab(47.5742, 64.1116,
30.4374) contains.

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Color

**HunterLab(47.5859, 64.0384,
30.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	F53C00
RGB	245, 60, 0
RGB Percent	96%, 24%, 0%
CMY	0.0392, 0.7646, 1.0000
CMYK	0.00, 0.76, 1.00, 0.04
HSL	15°, 100%, 48%
HSV	15°, 100%, 96%
XYZ	39.2720, 22.6442, 2.3009
YIQ	108.4750, 129.5200, 20.5600

Conversions

Conversions Part 2

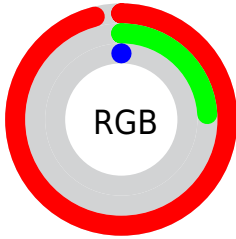
Format	Color
RYB	245, 79, 0
Decimal	16071680
CIELab	54.71, 67.64, 66.61
CIELCh	55, 94.935, 44.558
Yxy	22.6456, 0.6115, 0.3526
Android (android.graphics.Color)	4294261760 (0xFFFF53C00)
YUV	108.4750, -53.4782, 119.7324
Hunter-Lab	47.5859, 64.0384, 30.4433

Details

The HunterLab color **47.5859, 64.0384, 30.4433** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **64.2536, -18.4686, -40.4427**, and the grayscale version is **39.0710, -2.0847, 2.1228**.

A 20% lighter version of the original color is **59.3991, 43.1416, 32.8077**, and **30.9576, 53.0158, 20.0040** is the 20% darker color. If you saturate the color by 10%, you get **47.5871, 64.0339, 30.4440**, and if you desaturate by 10%, it is **50.0024, 57.3846, 30.7583**.

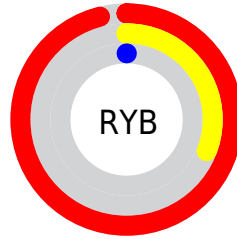
Distribution



Red (96%)

Green (24%)

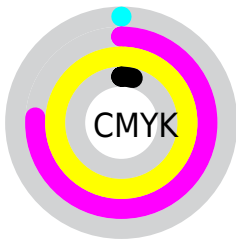
Blue (0%)



Red (96%)

Yellow (31%)

Blue (0%)

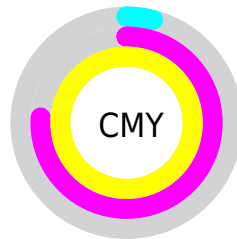


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.5859, 64.0384, 30.4433 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 47.5859, 64.0384, 30.4433 by changing the saturation by 10% instead.


 47.5859, 64.0384,
30.4433


 47.5859, 64.0384,
30.4433


163.0642, 80.5116,
68.0072


 37.8577, 61.7785,
25.3541


 69.1453, 68.3396,
39.9564


 28.8997, 59.5263,
20.2298


 80.8895, 70.3561,
44.3945


 20.7869, 57.4272,
14.5509

 93.2322, 72.2760,
48.6552

 13.6187, 55.8915,
9.5331

 106.1458, 74.1004,
52.7620

 7.2174, 59.9940,
5.0522

 119.6061, 75.8323,
56.7347

0.0000, INF, NaN

0.0000, INF, NaN


 133.5916, 77.4756,


60.5905


0.0000, NaN, NaN


 148.0833, 79.0340,
64.3439


0.0000, NaN, NaN


 47.5859, 64.0384,
30.4433


 47.5859, 64.0384,
30.4433


 47.5871, 64.0339,
30.4440

 50.0024, 57.3846,
30.7583

 53.0902, 49.9390,
30.3428

 56.8140, 42.1600,
29.0770

 61.1122, 34.3852,
27.0476

 65.9179, 26.8385,
24.3799

71.1669, 19.6452,
21.1988

76.8016, 12.8592,
17.6124

82.7718, 6.4879,
13.7073

89.0353, 0.5124,
9.5502

Harmonies

Analogous

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



47.5874, 94.7142, 17.3302



47.5859, 64.0384, 30.4433



47.5874, 19.2592, 33.0662

Triad

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



47.5874, 64.0331, 30.4440



47.5874, -55.6158, 18.0116



47.5874, 17.9471, -132.3939

Complementary

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



47.5859, 64.0384, 30.4433



64.2536, -18.4686, -40.4427

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.



47.5874, -21.0103, -131.5147



47.5859, 64.0384, 30.4433



47.5874, -55.7630, -19.2126

Square

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



47.5874, 64.0331, 30.4440



47.5874, -44.7518, 30.6020



47.5874, -45.2519, -80.2943



47.5874, 62.8084, -82.1757

Rectangle

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



47.5859, 64.0384, 30.4433



47.5874, -8.3906, 33.3112



47.5874, -45.2519, -80.2943



47.5874, 3.6041, -138.8658

Sweetspot

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



47.5874, 64.0331, 30.4440



80.3339, 13.5021, 18.4571



47.9959, 89.7437, -27.5103



35.9928, 7.6108, 9.2933

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5874, 64.0331, 30.4440



49.7551, 67.1505, 31.8345



72.0559, 7.4504, 44.5308



41.4025, 0.1000, 4.3231



35.1860, 46.2137, 22.4905



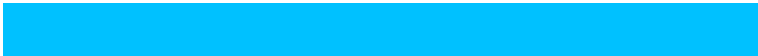
11.1497, 11.6256, 7.0739

Inverse Universe

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



64.2536, -18.4686, -40.4427



67.1982, -19.2652, -42.4039



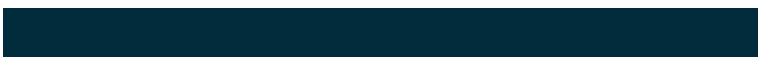
32.2672, 45.2696, -138.0549



42.4616, -4.3868, 0.1964



47.4022, -13.8995, -29.2435



14.6107, -4.9016, -7.6809

Previews

White Background



This preview shows how the HunterLab color 47.5859, 64.0384, 30.4433 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5859, 64.0384, 30.4433 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.5859, 64.0384, 30.4433 Background



This preview shows how black text looks on a background with the HunterLab color 47.5859, 64.0384, 30.4433.



This preview shows how white text looks on a background with the HunterLab color 47.5859, 64.0384,

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

47.5859, 64.0384, 30.4433

Protanopia

47.8354, -6.5675, 27.9993

Deuteranopia

47.7223, 2.7373, 29.4542



Tritanopia

47.6619, 66.9912, 25.7266

Trichromacy



Original Color

47.5859, 64.0384, 30.4433

Protanomaly

45.1874, 18.8544, 27.4235

Deuteranomaly

45.7269, 25.9976, 28.6318

Tritanomaly

47.5883, 65.9607, 28.3990

Monochromacy



Original Color

47.5859, 64.0384, 30.4433

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.9627, 18.4743, 15.7645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5859, 64.0384, 30.4433 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(245, 60, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 60, 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(245, 60, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 60, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5859, 64.0384, 30.4433 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(245, 60, 0) }
```


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

```
.border{ border-color:rgb(245, 60, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 60, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 60, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 60, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 60, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.5859, 64.0384, 30.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 60, 0) }
```

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

```
.background{ background-color: rgb(245, 60,  
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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