

Converting Colors

HunterLab(47.7111, 53.8612,
30.3423)

Have a look what the booklet for
HunterLab(47.7111, 53.8612,
30.3423) contains.

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Color

**HunterLab(47.7818, 54.0261,
30.3888)**

Conversions

Conversions Part 1

Format	Color
Hex	EB4C00
RGB	235, 76, 0
RGB Percent	92%, 30%, 0%
CMY	0.0784, 0.7019, 1.0000
CMYK	0.00, 0.68, 1.00, 0.08
HSL	19°, 100%, 46%
HSV	19°, 100%, 92%
XYZ	36.8453, 22.8310, 2.4648
YIQ	114.8770, 119.1600, 10.0720

Conversions

Conversions Part 2

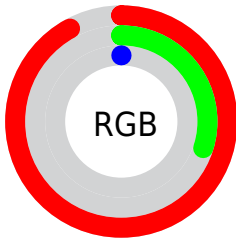
Format	Color
R _Y B	235, 112, 0
Decimal	15420416
CIE Lab	54.90, 58.97, 65.66
CIE LCh	55, 88.257, 48.071
Yxy	22.8324, 0.5929, 0.3674
Android (android.graphics.Color)	4293610496 (0xFFEB4C00)
YUV	114.8770, -56.6344, 105.3479
Hunter-Lab	47.7818, 54.0261, 30.3888

Details

The HunterLab color **47.7818, 54.0261, 30.3888** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **55.4897, -8.9929, -49.9442**, and the grayscale version is **41.5388, -2.2164, 2.2569**.

A 20% lighter version of the original color is **61.7425, 37.6255, 34.1883**, and **29.2336, 50.0635, 18.8901** is the 20% darker color. If you saturate the color by 10%, you get **47.7830, 54.0219, 30.3894**, and if you desaturate by 10%, it is **50.3632, 47.3954, 30.8777**.

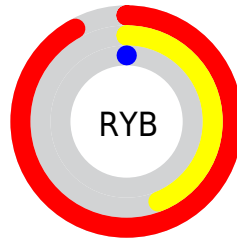
Distribution



Red (92%)

Green (30%)

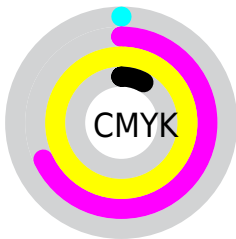
Blue (0%)



Red (92%)

Yellow (44%)

Blue (0%)

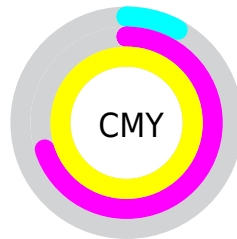


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7818, 54.0261, 30.3888 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 47.7818, 54.0261, 30.3888 by changing the saturation by 10% instead.

47.7818, 54.0261,
30.3888

47.7818, 54.0261,
30.3888

163.3594, 68.1609,
67.4498

38.0392, 51.9708,
25.3468

69.3671, 57.8381,
39.7726

29.0656, 49.8616,
20.3460

81.1232, 59.5922,
44.1495

20.9356, 47.7834,
14.6549

93.4772, 61.2456,
48.3519

13.7479, 45.9943,
9.6235

106.4017, 62.8025,
52.4030

7.3646, 48.1467,
5.1552

119.8723, 64.2678,
56.3227

0.0000, INF, NaN

0.0000, NaN, NaN


133.8678, 65.6462,


60.1279


0.0000, NaN, NaN


 148.3692, 66.9424,
63.8329

0.0000, NaN, NaN


 47.7818, 54.0261,
30.3888


 47.7818, 54.0261,
30.3888


 47.7830, 54.0219,
30.3894

 50.3632, 47.3954,
30.8777

 53.4341, 40.5008,
30.6506

 56.9673, 33.6422,
29.5745

 60.9193, 27.0093,
27.7042

 65.2453, 20.7155,
25.1321

69.9028, 14.8156,
21.9592

74.8532, 9.3245,
18.2795

80.0628, 4.2317,
14.1750

85.5022, -0.4873,
9.7139

Harmonies

Analogous

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



47.7832, 84.2315, 19.0313



47.7818, 54.0261, 30.3888



47.7832, 12.8502, 32.7280

Triad

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



47.7832, 54.0213, 30.3895



47.7832, -53.6839, 14.4533



47.7832, 21.2449, -114.4923

Complementary

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



47.7818, 54.0261, 30.3888



55.4897, -8.9929, -49.9442

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.



47.7832, -16.2211, -119.8241



47.7818, 54.0261, 30.3888



47.7832, -52.6702, -23.1126

Square

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



47.7832, 54.0213, 30.3895



47.7832, -44.3836, 29.1719



47.7832, -41.0112, -78.5888



47.7832, 61.7339, -67.0494

Rectangle

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



47.7818, 54.0261, 30.3888



47.7832, -12.0188, 32.8175



47.7832, -41.0112, -78.5888



47.7832, 7.7141, -122.1101

Sweetspot

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



47.7832, 54.0213, 30.3895



82.0497, 10.3081, 20.1125



44.9673, 82.6972, -15.0480



36.8796, 5.9253, 10.1233

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7832, 54.0213, 30.3895



52.3135, 59.5862, 33.2785



74.3804, -2.7546, 45.7846



39.8114, -0.3384, 4.3927



35.9342, 39.4896, 22.8338



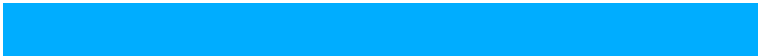
10.8756, 8.9145, 6.8576

Inverse Universe

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



55.4897, -8.9929, -49.9442



60.7651, -9.6879, -55.0376



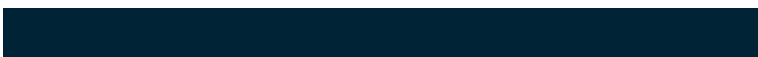
27.8066, 53.1638, -149.5208



40.3148, -3.7676, -0.1114



41.6870, -7.1584, -36.6522



12.4009, -3.0874, -8.8352

Previews

White Background



This preview shows how the HunterLab color 47.7818, 54.0261, 30.3888 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 47.7818, 54.0261, 30.3888 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 47.7818, 54.0261, 30.3888 Background



This preview shows how black text looks on a background with the HunterLab color 47.7818, 54.0261, 30.3888.



This preview shows how white text looks on a background with the HunterLab color 47.7818, 54.0261, 30.3888.

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

47.7818, 54.0261, 30.3888

Protanopia

47.9190, -6.2986, 28.2792

Deuteranopia

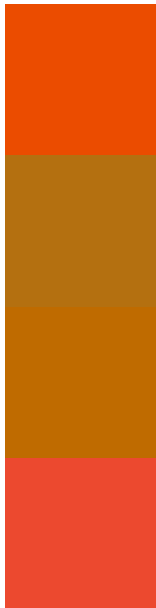
47.7223, 2.7373, 29.4542



Tritanopia

47.7847, 58.6299, 22.4327

Trichromacy



Original Color

47.7818, 54.0261, 30.3888

Protanomaly

46.1834, 14.6842, 28.0857

Deuteranomaly

46.4669, 21.4167, 29.0076

Tritanomaly

47.7527, 56.5622, 27.0761

Monochromacy



Original Color

47.7818, 54.0261, 30.3888

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.4238, 14.3557, 16.7545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7818, 54.0261, 30.3888 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(235, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 76, 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(235, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 76, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7818, 54.0261, 30.3888 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(235, 76, 0) }
```


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

```
.border{ border-color:rgb(235, 76, 0) }
```

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

Here you see how a box with a 4 pixel rgb(235, 76, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 76, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.7818, 54.0261, 30.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 76, 0) }
```

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

```
.background{ background-color: rgb(235, 76,  
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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