

Converting Colors

HunterLab(48.1469, 57.2652,
30.6704)

Have a look what the booklet for
HunterLab(48.1469, 57.2652,
30.6704) contains.

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Color

**HunterLab(48.2601, 57.2710,
30.7403)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | F04900 |
| RGB | 240, 73, 0 |
| RGB Percent | 94%, 29%, 0% |
| CMY | 0.0588, 0.7137, 1.0000 |
| CMYK | 0.00, 0.70, 1.00, 0.06 |
| HSL | 18°, 100%, 47% |
| HSV | 18°, 100%, 94% |
| XYZ | 38.3178, 23.2904, 2.4759 |
| YIQ | 114.6110, 122.9650, 12.7010 |

Conversions

Conversions Part 2

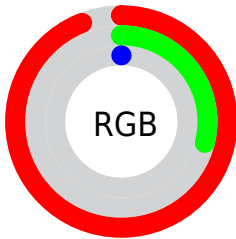
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 240, 105, 0 |
| Decimal | 15747328 |
| CIE _{Lab} | 55.37, 61.73, 66.39 |
| CIE _{LCh} | 55, 90.656, 47.082 |
| Yxy | 23.2918, 0.5979, 0.3634 |
| Android (android.graphics.Color) | 4293937408 (0xFFFF04900) |
| YUV | 114.6110, -56.5032, 109.9662 |
| Hunter-Lab | 48.2601, 57.2710, 30.7403 |

Details

The HunterLab color **48.2601, 57.2710, 30.7403** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **58.2453, -11.3848, -48.2249**, and the grayscale version is **41.4351, -2.2109, 2.2512**.

A 20% lighter version of the original color is **61.3059, 38.6450, 33.9050**, and **29.9978, 51.3721, 19.3839** is the 20% darker color. If you saturate the color by 10%, you get **48.2613, 57.2668, 30.7409**, and if you desaturate by 10%, it is **50.8475, 50.4945, 31.2082**.

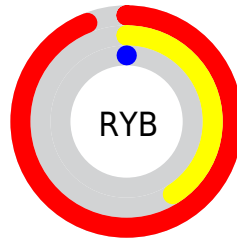
Distribution



Red (94%)

Green (29%)

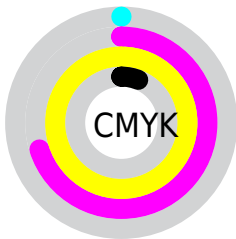
Blue (0%)



Red (94%)

Yellow (41%)

Blue (0%)

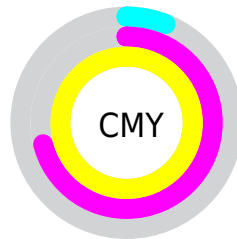


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2601, 57.2710, 30.7403 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 48.2601, 57.2710, 30.7403 by changing the saturation by 10% instead.

48.2601, 57.2710,
30.7403

48.2601, 57.2710,
30.7403

164.0793, 72.1262,
68.1035

38.4826, 55.1485,
25.6628

69.9085, 61.2360,
40.1952

29.4712, 52.9862,
20.6298

81.6935, 63.0710,
44.6075

21.2994, 50.8809,
14.9096

94.0751, 64.8062,
48.8446

14.0643, 49.1173,
9.8450

107.0258, 66.4451,
52.9296

7.7115, 50.6002,
5.3980

120.5217, 67.9921,
56.8824


0.0000, INF, NaN

0.0000, NaN, NaN


134.5415, 69.4517,


60.7198

0.0000, NaN, NaN

 149.0664, 70.8283,
64.4561


0.0000, NaN, NaN


 48.2601, 57.2710,
30.7403


 48.2601, 57.2710,
30.7403


 48.2613, 57.2668,
30.7409

 50.8475, 50.4945,
31.2082

 53.9734, 43.3399,
30.9448

 57.6072, 36.1477,
29.8197

 61.7006, 29.1416,
27.8952

 66.2031, 22.4590,
25.2727

71.0667, 16.1695,
22.0601

76.2482, 10.2955,
18.3566

81.7097, 4.8298,
14.2467

87.4186, -0.2518,
9.7997

Harmonies

Analogous

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



48.2615, 87.9359, 18.7927



48.2601, 57.2710, 30.7403



48.2615, 14.6936, 33.1727

Triad

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



48.2615, 57.2660, 30.7410



48.2615, -54.8073, 15.6244



48.2615, 20.5794, -120.4270

Complementary

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



48.2601, 57.2710, 30.7403



58.2453, -11.3848, -48.2249

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.



48.2615, -17.7170, -124.2195



48.2601, 57.2710, 30.7403



48.2615, -54.1101, -22.2933

Square

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



48.2615, 57.2660, 30.7410



48.2615, -44.9715, 29.9273



48.2615, -42.6395, -79.9008



48.2615, 62.6966, -71.7183

Rectangle

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



48.2601, 57.2710, 30.7403



48.2615, -11.1824, 33.3103



48.2615, -42.6395, -79.9008



48.2615, 6.6756, -127.8397

Sweetspot

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



48.2615, 57.2660, 30.7410



81.6263, 11.0895, 19.7065



46.2086, 85.2514, -17.5674



36.6604, 6.3377, 9.9195

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.2615, 57.2660, 30.7410



51.6220, 61.5783, 32.8873



74.9829, -0.8032, 46.1900



40.6730, -0.2354, 4.4320



35.9932, 41.5460, 22.9062



11.1651, 9.8452, 7.0522

Inverse Universe

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



58.2453, -11.3848, -48.2249



62.3163, -12.0740, -51.8256



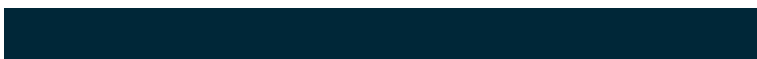
28.9919, 52.6082, -149.8031



41.3159, -3.9633, -0.0420



43.3779, -8.8530, -35.1075



13.1900, -3.5560, -8.8100

Previews

White Background



This preview shows how the HunterLab color 48.2601, 57.2710, 30.7403 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 48.2601, 57.2710, 30.7403 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 48.2601, 57.2710, 30.7403 Background



This preview shows how black text looks on a background with the HunterLab color 48.2601, 57.2710, 30.7403.



This preview shows how white text looks on a background with the HunterLab color 48.2601, 57.2710,

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

48.2601, 57.2710, 30.7403

Protanopia

48.3049, -6.3725, 28.4542

Deuteranopia

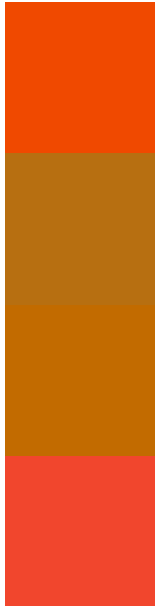
48.2147, 3.0305, 29.7627



Tritanopia

48.2597, 61.5722, 23.4916

Trichromacy



Original Color

48.2601, 57.2710, 30.7403

Protanomaly

46.3429, 16.4027, 28.1650

Deuteranomaly

46.8879, 22.6597, 29.2888

Tritanomaly

48.2396, 59.6677, 27.7182

Monochromacy



Original Color

48.2601, 57.2710, 30.7403

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.3146, 15.2198, 16.6785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2601, 57.2710, 30.7403 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(240, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 73, 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(240, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 73, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2601, 57.2710, 30.7403 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(240, 73, 0) }
```


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

```
.border{ border-color:rgb(240, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 73, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.2601, 57.2710, 30.7403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 73, 0) }
```

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

```
.background{ background-color: rgb(240, 73,  
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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