

Converting Colors

HunterLab(48.7958, 41.9609,
30.8023)

Have a look what the booklet for
HunterLab(48.7958, 41.9609,
30.8023) contains.

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Color

**HunterLab(48.6580, 41.9784,
30.7177)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E05D00 |
| RGB | 224, 93, 0 |
| RGB Percent | 88%, 36%, 0% |
| CMY | 0.1216, 0.6353, 1.0000 |
| CMYK | 0.00, 0.58, 1.00, 0.12 |
| HSL | 25°, 100%, 44% |
| HSV | 25°, 100%, 88% |
| XYZ | 34.6548, 23.6760, 2.7434 |
| YIQ | 121.5670, 107.9290, -1.1510 |

Conversions

Conversions Part 2

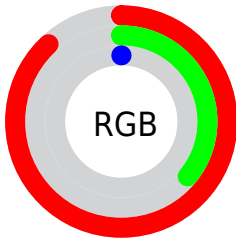
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 224, 159, 0 |
| Decimal | 14703872 |
| CIE _{Lab} | 55.76, 47.88, 65.09 |
| CIE _{LCh} | 56, 80.805, 53.665 |
| Yxy | 23.6774, 0.5674, 0.3877 |
| Android (android.graphics.Color) | 4292893952 (0xFFE05D00) |
| YUV | 121.5670, -59.9325, 89.8337 |
| Hunter-Lab | 48.6580, 41.9784, 30.7177 |

Details

The HunterLab color **48.6580, 41.9784, 30.7177** 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 **46.4904, 1.4613, -61.2631**, and the grayscale version is **44.1449, -2.3555, 2.3985**.

A 20% lighter version of the original color is **65.1990, 29.9848, 36.1525**, and **29.8741, 38.6772, 19.0854** is the 20% darker color. If you saturate the color by 10%, you get **48.6587, 41.9758, 30.7181**, and if you desaturate by 10%, it is **51.2221, 36.0038, 31.2905**.

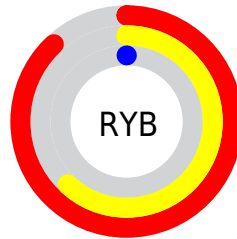
Distribution



Red (88%)

Green (36%)

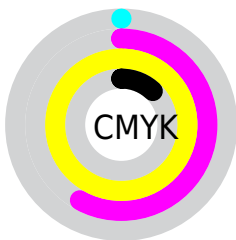
Blue (0%)



Red (88%)

Yellow (62%)

Blue (0%)

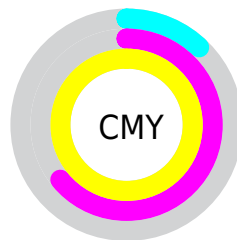


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6580, 41.9784, 30.7177 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 48.6580, 41.9784, 30.7177 by changing the saturation by 10% instead.

48.6580, 41.9784,
30.7177

48.6580, 41.9784,
30.7177

164.6770, 52.8001,
67.3788

38.8516, 40.2667,
25.7229

70.3585, 45.0484,
39.9903

29.8089, 38.4505,
20.8662

82.1675, 46.4236,
44.3169

21.6026, 36.5568,
15.1218

94.5718, 47.6995,
48.4725

14.3285, 34.6957,
10.0300

107.5444, 48.8825,
52.4801

7.9877, 34.3513,
5.5914

121.0611, 49.9788,
56.3592


0.0000, INF, NaN

0.0000, NaN, NaN


135.1011, 50.9939,


60.1264


0.0000, NaN, NaN


 149.6453, 51.9328,
63.7956


0.0000, NaN, NaN


 48.6580, 41.9784,
30.7177


 48.6580, 41.9784,
30.7177


 48.6587, 41.9758,
30.7181

 51.2221, 36.0038,
31.2905

 54.1093, 30.1107,
31.1701

 57.3068, 24.4689,
30.2130

 60.7896, 19.1664,
28.4452

 64.5319, 14.2488,
25.9281

■ 68.5089, 9.7308,
22.7373

■ 72.6975, 5.6072,
18.9496

■ 77.0771, 1.8599,
14.6372

■ 81.6292, -1.5357,
9.8649

Harmonies

Analogous

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



48.6594, 71.9671, 21.4424



48.6580, 41.9784, 30.7177



48.6594, 4.7475, 32.7042

Triad

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



48.6594, 41.9742, 30.7183



48.6594, -51.6513, 8.9619



48.6594, 26.1883, -94.1621

Complementary

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



48.6580, 41.9784, 30.7177



46.4904, 1.4613, -61.2631

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.



48.6594, -9.5339, -106.8160



48.6580, 41.9784, 30.7177



48.6594, -48.8088, -29.0966

Square

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



48.6594, 41.9742, 30.7183



48.6594, -44.5190, 26.8240



48.6594, -35.3055, -77.5877



48.6594, 61.2567, -49.7477

Rectangle

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



48.6580, 41.9784, 30.7177



48.6594, -16.9597, 32.5289



48.6594, -35.3055, -77.5877



48.6594, 13.6484, -103.1327

Sweetspot

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



48.6594, 41.9742, 30.7183



84.0938, 6.5945, 22.0515



41.9282, 75.9344, -4.9365



37.9403, 3.9659, 11.0978

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.6594, 41.9742, 30.7183



56.1628, 49.1269, 35.4673



76.0925, -11.7254, 46.6824



38.2502, -0.8003, 4.4794



37.4120, 31.2858, 23.6008



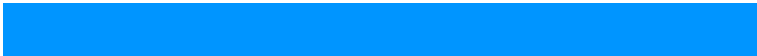
10.6949, 6.1936, 6.6986

Inverse Universe

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



46.4904, 1.4613, -61.2631



53.6228, 2.0865, -71.5279



24.4362, 57.6714, -155.0382



38.1687, -3.1247, -0.4380



35.7942, 0.5500, -45.9271



10.3128, -1.3267, -10.0262

Previews

White Background



This preview shows how the HunterLab color 48.6580, 41.9784, 30.7177 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 48.6580, 41.9784, 30.7177 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 48.6580, 41.9784, 30.7177 Background



This preview shows how black text looks on a background with the HunterLab color 48.6580, 41.9784, 30.7177.



This preview shows how white text looks on a background with the HunterLab color 48.6580, 41.9784,

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

48.6580, 41.9784, 30.7177

Protanopia

48.9542, -7.0154, 29.1232

Deuteranopia

48.5940, 2.9416, 29.9949



Tritanopia

48.7420, 49.1165, 18.5781

Trichromacy



Original Color

48.6580, 41.9784, 30.7177

Protanomaly

47.8849, 9.9746, 29.1666

Deuteranomaly

48.0419, 16.6799, 29.8952

Tritanomaly

48.4439, 45.7092, 25.5870

Monochromacy



Original Color

48.6580, 41.9784, 30.7177

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

43.9202, 9.9411, 17.5074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6580, 41.9784, 30.7177 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(224, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 93, 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(224, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 93, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6580, 41.9784, 30.7177 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(224, 93, 0) }
```


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

```
.border{ border-color:rgb(224, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.6580, 41.9784, 30.7177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 93, 0) }
```

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

```
.background{ background-color: rgb(224, 93,  
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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