

Converting Colors

HunterLab(47.7574, 45.1922,
30.6688)

Have a look what the booklet for
HunterLab(47.7574, 45.1922,
30.6688) contains.

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Color

**HunterLab(47.7744, 45.1463,
30.2287)**

Conversions

Conversions Part 1

Format	Color
Hex	E15700
RGB	225, 87, 0
RGB Percent	88%, 34%, 0%
CMY	0.1177, 0.6588, 1.0000
CMYK	0.00, 0.61, 1.00, 0.12
HSL	23°, 100%, 44%
HSV	23°, 100%, 88%
XYZ	34.4595, 22.8239, 2.5893
YIQ	118.3440, 110.1750, 2.1990

Conversions

Conversions Part 2

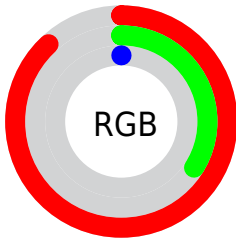
Format	Color
R_{YB}	225, 142, 0
Decimal	14767872
CIE _{Lab}	54.89, 50.96, 64.71
CIE _{LCh}	55, 82.369, 51.779
Yxy	22.8253, 0.5755, 0.3812
Android (android.graphics.Color)	4292957952 (0xFFE15700)
YUV	118.3440, -58.3436, 93.5373
Hunter-Lab	47.7744, 45.1463, 30.2287

Details

The HunterLab color **47.7744, 45.1463, 30.2287** 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 **48.5921, -1.7285, -57.0041**, and the grayscale version is **42.8868, -2.2883, 2.3301**.

A 20% lighter version of the original color is **63.7808, 33.0465, 35.3710**, and **29.1644, 41.7623, 18.7021** is the 20% darker color. If you saturate the color by 10%, you get **47.7752, 45.1434, 30.2292**, and if you desaturate by 10%, it is **50.3363, 38.9907, 30.7752**.

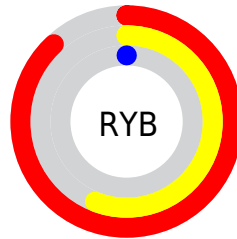
Distribution



Red (88%)

Green (34%)

Blue (0%)



Red (88%)

Yellow (56%)

Blue (0%)

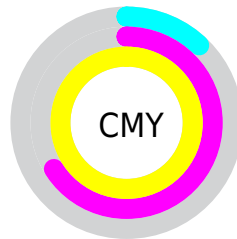


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7744, 45.1463, 30.2287 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 47.7744, 45.1463, 30.2287 by changing the saturation by 10% instead.

47.7744, 45.1463,
30.2287

47.7744, 45.1463,
30.2287

163.3482, 56.9699,
66.8136

38.0323, 43.3240,
25.2397

69.3587, 48.4476,
39.4917

29.0593, 41.4094,
20.3415

81.1143, 49.9386,
43.8112

20.9300, 39.4461,
14.6510

93.4679, 51.3288,
47.9585

13.7429, 37.5896,
9.6201

106.3919, 52.6243,
51.9568

7.3591, 38.8364,
5.1514

119.8622, 53.8309,
55.8260


0.0000, INF, NaN

0.0000, NaN, NaN


133.8573, 54.9541,

59.5828


0.0000, NaN, NaN


 148.3583, 55.9989,
63.2414


0.0000, NaN, NaN


 47.7744, 45.1463,
30.2287


 47.7744, 45.1463,
30.2287


 47.7752, 45.1434,
30.2292

 50.3363, 38.9907,
30.7752

 53.2626, 32.8365,
30.6309

 56.5362, 26.8843,
29.6555

 60.1275, 21.2446,
27.8830

 64.0058, 15.9777,
25.3830

■ 68.1419, 11.1069,
22.2376

■ 72.5092, 6.6308,
18.5279

■ 77.0837, 2.5331,
14.3285

■ 81.8444, -1.2112,
9.7050

Harmonies

Analogous

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



47.7758, 74.8256, 20.4332



47.7744, 45.1463, 30.2287



47.7758, 7.1870, 32.3048

Triad

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



47.7758, 45.1420, 30.2293



47.7758, -51.6576, 10.6851



47.7758, 24.2818, -99.0971

Complementary

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



47.7744, 45.1463, 30.2287



48.5921, -1.7285, -57.0041

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.



47.7758, -11.5679, -109.4248



47.7744, 45.1463, 30.2287



47.7758, -49.4557, -26.8012

Square

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



47.7758, 45.1420, 30.2293



47.7758, -43.9125, 27.3295



47.7758, -36.7186, -76.8992



47.7758, 60.6202, -54.2978

Rectangle

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



47.7744, 45.1463, 30.2287



47.7758, -15.2098, 32.2277



47.7758, -36.7186, -76.8992



47.7758, 11.5789, -107.5648

Sweetspot

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



47.7758, 45.1420, 30.2293



83.4543, 7.7459, 21.4487



42.2662, 76.7746, -6.7426



37.6080, 4.5734, 10.7946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7758, 45.1420, 30.2293



54.8720, 52.5224, 34.7313



75.3255, -9.9758, 46.2404



38.1645, -0.6549, 4.3862



36.5557, 33.5043, 23.1120



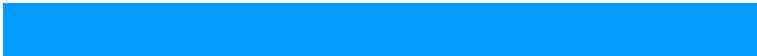
10.4700, 6.7165, 6.5692

Inverse Universe

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



48.5921, -1.7285, -57.0041



55.7935, -1.6451, -66.1858



24.8724, 56.6995, -153.4855



38.2567, -3.2682, -0.3314



37.2009, -1.8375, -42.5312



10.6363, -1.8326, -9.3383

Previews

White Background



This preview shows how the HunterLab color 47.7744, 45.1463, 30.2287 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 47.7744, 45.1463, 30.2287 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 47.7744, 45.1463, 30.2287 Background



This preview shows how black text looks on a background with the HunterLab color 47.7744, 45.1463, 30.2287.



This preview shows how white text looks on a background with the HunterLab color 47.7744, 45.1463,

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

47.7744, 45.1463, 30.2287

Protanopia

47.9062, -6.3697, 28.4686

Deuteranopia

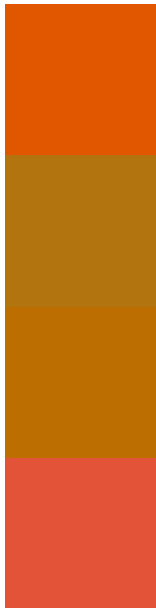
47.8359, 3.1193, 29.5309



Tritanopia

47.8410, 51.7200, 19.4738

Trichromacy



Original Color

47.7744, 45.1463, 30.2287

Protanomaly

46.7649, 11.5094, 28.4911

Deuteranomaly

46.9683, 18.2261, 29.2607

Tritanomaly

47.5722, 48.6267, 25.6603

Monochromacy



Original Color

47.7744, 45.1463, 30.2287

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.6515, 10.8709, 17.2186

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7744, 45.1463, 30.2287 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(225, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 87, 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(225, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 87, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7744, 45.1463, 30.2287 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(225, 87, 0) }
```


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

```
.border{ border-color:rgb(225, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(225, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.7744, 45.1463, 30.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 87, 0) }
```

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

```
.background{ background-color: rgb(225, 87,  
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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