

Converting Colors

HunterLab(48.0670, 48.2895,
30.4640)

Have a look what the booklet for
HunterLab(48.0670, 48.2895,
30.4640) contains.

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Color

**HunterLab(47.9569, 48.1479,
30.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	E55400
RGB	229, 84, 0
RGB Percent	90%, 33%, 0%
CMY	0.1020, 0.6706, 1.0000
CMYK	0.00, 0.63, 1.00, 0.10
HSL	22°, 100%, 45%
HSV	22°, 100%, 90%
XYZ	35.4834, 22.9986, 2.5690
YIQ	117.7790, 113.3840, 4.6160

Conversions

Conversions Part 2

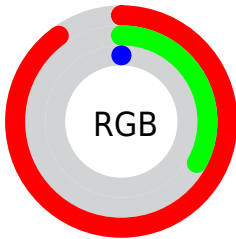
Format	Color
R_{YB}	229, 133, 0
Decimal	15029248
CIE _{Lab}	55.07, 53.68, 65.17
CIE _{LCh}	55, 84.434, 50.523
Yxy	23.0000, 0.5812, 0.3767
Android (android.graphics.Color)	4293219328 (0xFFE55400)
YUV	117.7790, -58.0650, 97.5408
Hunter-Lab	47.9569, 48.1479, 30.3937

Details

The HunterLab color **47.9569, 48.1479, 30.3937** 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 **50.8983, -3.9663, -55.0559**, and the grayscale version is **42.6663, -2.2766, 2.3181**.

A 20% lighter version of the original color is **63.3120, 34.0345, 35.2045**, and **29.3464, 44.8901, 18.8690** is the 20% darker color. If you saturate the color by 10%, you get **47.9578, 48.1448, 30.3942**, and if you desaturate by 10%, it is **50.5472, 41.7855, 30.9335**.

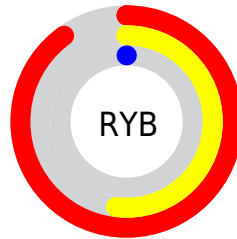
Distribution



Red (90%)

Green (33%)

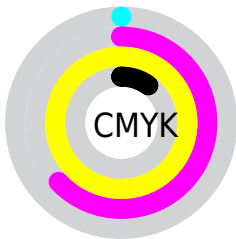
Blue (0%)



Red (90%)

Yellow (52%)

Blue (0%)

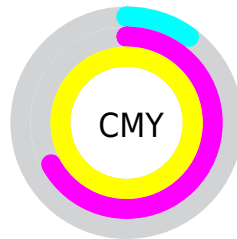


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9569, 48.1479, 30.3937 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 47.9569, 48.1479, 30.3937 by changing the saturation by 10% instead.

47.9569, 48.1479,
30.3937

47.9569, 48.1479,
30.3937

163.6230, 60.7582,
67.1863

38.2014, 46.2436,
25.3805

69.5653, 51.6251,
39.7074

29.2140, 44.2578,
20.4498

81.3320, 53.2059,
44.0516

21.0687, 42.2456,
14.7481

93.6962, 54.6856,
48.2228

13.8635, 40.3903,
9.7045

106.6302, 56.0698,
52.2443

7.4936, 41.5454,
5.2455

120.1101, 57.3641,
56.1359


0.0000, INF, NaN

0.0000, NaN, NaN


134.1145, 58.5737,


59.9144

0.0000, NaN, NaN


 148.6245, 59.7036,
63.5938


0.0000, NaN, NaN


 47.9569, 48.1479,
30.3937


 47.9569, 48.1479,
30.3937


 47.9578, 48.1448,
30.3942

 50.5472, 41.7855,
30.9335

 53.5403, 35.3550,
30.7701

 56.9157, 29.0855,
29.7652

 60.6396, 23.1094,
27.9589

 64.6772, 17.5010,
25.4281

■ 68.9952, 12.2918,
22.2609

■ 73.5636, 7.4843,
18.5431

■ 78.3553, 3.0635,
14.3522

■ 83.3471, -0.9960,
9.7551

Harmonies

Analogous

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



47.9583, 78.1079, 20.0638



47.9569, 48.1479, 30.3937



47.9583, 9.0259, 32.5621

Triad

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



47.9583, 48.1434, 30.3943



47.9583, -52.5149, 11.9976



47.9583, 23.3771, -104.3229

Complementary

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



47.9569, 48.1479, 30.3937



50.8983, -3.9663, -55.0559

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.



47.9583, -13.1435, -113.1356



47.9569, 48.1479, 30.3937



47.9583, -50.7041, -25.6828

Square

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



47.9583, 48.1434, 30.3943



47.9583, -44.2269, 28.0772



47.9583, -38.2767, -77.7197



47.9583, 61.1991, -58.5045

Rectangle

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



47.9569, 48.1479, 30.3937



47.9583, -14.2403, 32.5389



47.9583, -38.2767, -77.7197



47.9583, 10.3542, -112.5638

Sweetspot

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



47.9583, 48.1434, 30.3943



83.0113, 8.5490, 21.0291



43.2474, 78.7912, -8.7161



37.3781, 4.9971, 10.5836

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.9583, 48.1434, 30.3943



54.0228, 54.8159, 34.2482



75.6701, -8.3110, 46.4820



39.0249, -0.5628, 4.4315



36.5517, 35.6238, 23.1467



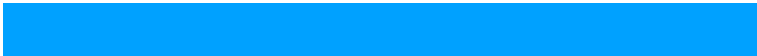
10.7692, 7.5615, 6.7683

Inverse Universe

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



50.8983, -3.9663, -55.0559



57.3318, -4.2037, -62.5852



25.7160, 56.4829, -154.0725



39.2438, -3.4528, -0.2696



38.7930, -3.4991, -40.9343



11.3481, -2.2118, -9.4096

Previews

White Background



This preview shows how the HunterLab color 47.9569, 48.1479, 30.3937 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 47.9569, 48.1479, 30.3937 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 47.9569, 48.1479, 30.3937 Background



This preview shows how black text looks on a background with the HunterLab color 47.9569, 48.1479, 30.3937.



This preview shows how white text looks on a background with the HunterLab color 47.9569, 48.1479,

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

47.9569, 48.1479, 30.3937

Protanopia

48.1939, -6.7944, 28.5806

Deuteranopia

48.1011, 2.6484, 29.6861



Tritanopia

48.0232, 54.3816, 20.4401

Trichromacy



Original Color

47.9569, 48.1479, 30.3937

Protanomaly

46.6486, 12.4085, 28.3875

Deuteranomaly

47.2398, 19.0486, 29.4424

Tritanomaly

47.7675, 51.4730, 26.1546

Monochromacy



Original Color

47.9569, 48.1479, 30.3937

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.5267, 11.7276, 17.1295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9569, 48.1479, 30.3937 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(229, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 84, 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(229, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 84, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9569, 48.1479, 30.3937 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(229, 84, 0) }
```


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

```
.border{ border-color:rgb(229, 84, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 84, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 84, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.9569, 48.1479, 30.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 84, 0) }
```

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

```
.background{ background-color: rgb(229, 84,  
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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