

Converting Colors

HunterLab(47.2715, 43.8950,
29.8970)

Have a look what the booklet for
HunterLab(47.2715, 43.8950,
29.8970) contains.

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Color

**HunterLab(47.2715, 43.8950,
29.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5700
RGB	222, 87, 0
RGB Percent	87%, 34%, 0%
CMY	0.1294, 0.6588, 1.0000
CMYK	0.00, 0.61, 1.00, 0.13
HSL	24°, 100%, 44%
HSV	24°, 100%, 87%
XYZ	33.5323, 22.3459, 2.5458
YIQ	117.4470, 108.3870, 1.5630

Conversions

Conversions Part 2

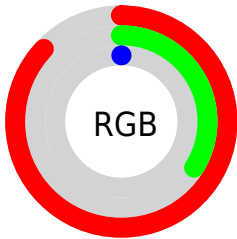
Format	Color
RYB	222, 143, 0
Decimal	14571264
CIELab	54.39, 49.88, 64.18
CIELCh	54, 81.282, 52.143
Yxy	22.3472, 0.5739, 0.3825
Android (android.graphics.Color)	4292761344 (0xFFDE5700)
YUV	117.4470, -57.9014, 91.6930
Hunter-Lab	47.2715, 43.8950, 29.8970

Details

The HunterLab color **47.2715, 43.8950, 29.8970** 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 **47.5394, -1.1605, -56.9148**, and the grayscale version is **42.5383, -2.2697, 2.3112**.

A 20% lighter version of the original color is **63.7720, 33.0031, 35.5016**, and **28.7212, 40.4169, 18.4054** is the 20% darker color. If you saturate the color by 10%, you get **47.2726, 43.8915, 29.8975**, and if you desaturate by 10%, it is **49.7998, 37.8607, 30.4333**.

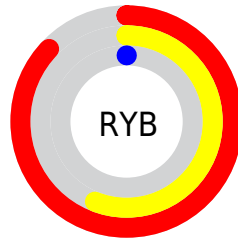
Distribution



Red (87%)

Green (34%)

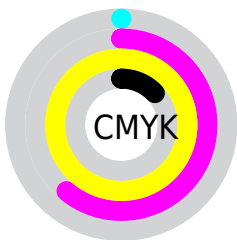
Blue (0%)



Red (87%)

Yellow (56%)

Blue (0%)

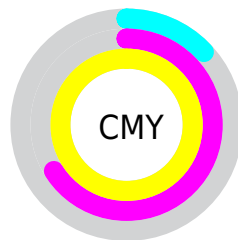


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2715, 43.8950, 29.8970 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 47.2715, 43.8950, 29.8970 by changing the saturation by 10% instead.

47.2715, 43.8950,
29.8970

47.2715, 43.8950,
29.8970

162.5898, 55.4370,
66.2787

37.5663, 42.1019,
24.9320

68.7890, 47.1342,
39.1140

28.6335, 40.2134,
20.0435

80.5140, 48.5934,
43.4101

20.5485, 38.2714,
14.3840

92.8385, 49.9517,
47.5341

13.4117, 36.4285,
9.3882

105.7347, 51.2154,
51.5095

6.9742, 38.7034,
4.8819

119.1782, 52.3905,
55.3562


0.0000, INF, NaN

0.0000, NaN, NaN


133.1477, 53.4825,


59.0908


0.0000, NaN, NaN


 147.6239, 54.4964,
62.7277


0.0000, NaN, NaN


 47.2715, 43.8950,
29.8970


 47.2715, 43.8950,
29.8970


 47.2726, 43.8915,
29.8975

 49.7998, 37.8607,
30.4333

 52.6788, 31.8442,
30.2911

 55.8926, 26.0371,
29.3297

 59.4128, 20.5437,
27.5812

 63.2102, 15.4198,
25.1130

■ 67.2571, 10.6867,
22.0043

■ 71.5278, 6.3422,
18.3344

■ 75.9994, 2.3697,
14.1762

■ 80.6517, -1.2552,
9.5939

Harmonies

Analogous

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



47.2729, 73.2160, 20.3408



47.2715, 43.8950, 29.8970



47.2729, 6.6132, 31.9280

Triad

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



47.2729, 43.8908, 29.8976



47.2729, -50.9301, 10.2113



47.2729, 24.3050, -96.7341

Complementary

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



47.2715, 43.8950, 29.8970



47.5394, -1.1605, -56.9148

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.



47.2729, -11.0176, -107.3734



47.2715, 43.8950, 29.8970



47.2729, -48.6382, -26.8619

Square

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



47.2729, 43.8908, 29.8976



47.2729, -43.4105, 26.8552



47.2729, -35.9344, -75.9474



47.2729, 59.8881, -52.6399

Rectangle

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



47.2715, 43.8950, 29.8970



47.2729, -15.3333, 31.8349



47.2729, -35.9344, -75.9474



47.2729, 11.8115, -105.1819

Sweetspot

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



47.2729, 43.8908, 29.8976



83.5714, 7.5344, 21.5593



41.6327, 75.6282, -6.6734



37.6688, 4.4618, 10.8502

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2729, 43.8908, 29.8976



55.1026, 51.9079, 34.8627



74.1985, -9.8355, 45.5485



38.1802, -0.6816, 4.4033



36.7090, 33.1021, 23.1994



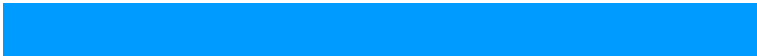
10.5107, 6.6209, 6.5925

Inverse Universe

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



47.5394, -1.1605, -56.9148



55.3917, -0.9654, -67.1507



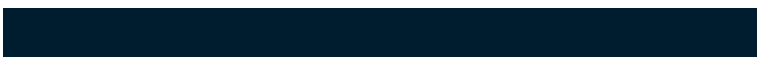
24.5120, 55.7916, -151.0754



38.2405, -3.2419, -0.3509



36.9406, -1.4026, -43.1449



10.5766, -1.7403, -9.4630

Previews

White Background



This preview shows how the HunterLab color 47.2715, 43.8950, 29.8970 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 47.2715, 43.8950, 29.8970 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 47.2715, 43.8950, 29.8970 Background



This preview shows how black text looks on a background with the HunterLab color 47.2715, 43.8950, 29.8970.



This preview shows how white text looks on a background with the HunterLab color 47.2715, 43.8950,

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

47.2715, 43.8950, 29.8970

Protanopia

47.4274, -6.6194, 28.1597

Deuteranopia

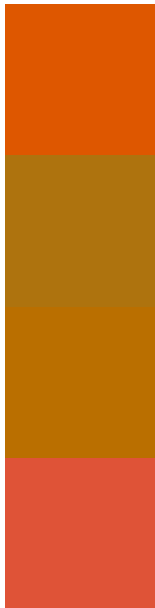
47.3441, 2.8261, 29.2227



Tritanopia

47.3329, 50.5255, 19.0227

Trichromacy



Original Color

47.2715, 43.8950, 29.8970

Protanomaly

46.1431, 10.7975, 28.0883

Deuteranomaly

46.6990, 17.4061, 29.0804

Tritanomaly

47.0641, 47.4021, 25.2772

Monochromacy



Original Color

47.2715, 43.8950, 29.8970

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.1557, 10.5224, 17.0486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2715, 43.8950, 29.8970 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(222, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 87, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2715, 43.8950, 29.8970 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(222, 87, 0) }
```


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

```
.border{ border-color:rgb(222, 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(222, 87, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.2715, 43.8950, 29.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 87, 0) }
```

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

```
.background{ background-color: rgb(222, 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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