

Converting Colors

HunterLab(47.1364, 44.2591,
29.8055)

Have a look what the booklet for
HunterLab(47.1364, 44.2591,
29.8055) contains.

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Color

**HunterLab(47.1011, 44.3466,
29.7999)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5600
RGB	222, 86, 0
RGB Percent	87%, 34%, 0%
CMY	0.1294, 0.6627, 1.0000
CMYK	0.00, 0.61, 1.00, 0.13
HSL	23°, 100%, 44%
HSV	23°, 100%, 87%
XYZ	33.4519, 22.1851, 2.5190
YIQ	116.8600, 108.6620, 2.0860

Conversions

Conversions Part 2

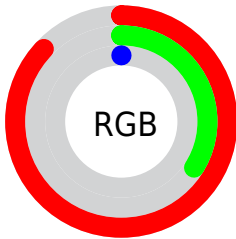
Format	Color
RYB	222, 140, 0
Decimal	14571008
CIELab	54.22, 50.33, 64.09
CIELCh	54, 81.486, 51.856
Yxy	22.1864, 0.5752, 0.3815
Android (android.graphics.Color)	4292761088 (0xFFDE5600)
YUV	116.8600, -57.6120, 92.2078
Hunter-Lab	47.1011, 44.3466, 29.7999

Details

The HunterLab color **47.1011, 44.3466, 29.7999** 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 **47.8334, -1.6560, -56.2126**, and the grayscale version is **42.3102, -2.2576, 2.2988**.

A 20% lighter version of the original color is **63.5414, 33.5190, 35.3527**, and **28.5444, 40.9714, 18.3062** is the 20% darker color. If you saturate the color by 10%, you get **47.1022, 44.3431, 29.8004**, and if you desaturate by 10%, it is **49.6261, 38.2918, 30.3305**.

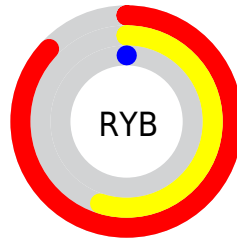
Distribution



Red (87%)

Green (34%)

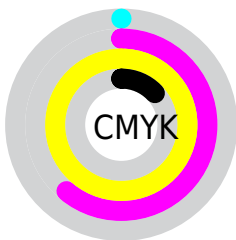
Blue (0%)



Red (87%)

Yellow (55%)

Blue (0%)

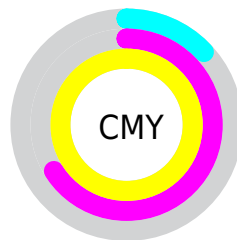


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1011, 44.3466, 29.7999 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 47.1011, 44.3466, 29.7999 by changing the saturation by 10% instead.

47.1011, 44.3466,
29.7999

47.1011, 44.3466,
29.7999

162.3325, 56.0368,
66.1585

37.4085, 42.5373,
24.8381

68.5959, 47.6200,
39.0129

28.4894, 40.6348,
19.9426

80.3105, 49.0963,
43.3066

20.4195, 38.6839,
14.2936

92.6251, 50.4716,
47.4281

13.2998, 36.8456,
9.3099

105.5118, 51.7519,
51.4008

6.8385, 39.6319,
4.7869

118.9463, 52.9433,
55.2447

0.0000, INF, NaN

0.0000, NaN, NaN


132.9069, 54.0513,


58.9765


0.0000, NaN, NaN


 147.3747, 55.0810,
62.6104


0.0000, NaN, NaN


 47.1011, 44.3466,
29.7999


 47.1011, 44.3466,
29.7999


 47.1022, 44.3431,
29.8004

 49.6261, 38.2918,
30.3305

 52.5080, 32.2412,
30.1839

 55.7303, 26.3915,
29.2197

 59.2641, 20.8506,
27.4714

 63.0793, 15.6767,
25.0074

■ 67.1474, 10.8925,
21.9082

■ 71.4423, 6.4966,
18.2534

■ 75.9405, 2.4727,
14.1162

■ 80.6215, -1.2037,
9.5611

Harmonies

Analogous

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



47.1025, 73.5982, 20.1712



47.1011, 44.3466, 29.7999



47.1025, 6.9807, 31.8430

Triad

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



47.1025, 44.3424, 29.8005



47.1025, -50.8911, 10.4587



47.1025, 23.9984, -97.4226

Complementary

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



47.1011, 44.3466, 29.7999



47.8334, -1.6560, -56.2126

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.



47.1025, -11.3148, -107.6938



47.1011, 44.3466, 29.7999



47.1025, -48.6965, -26.4958

Square

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



47.1025, 44.3424, 29.8005



47.1025, -43.2854, 26.9054



47.1025, -36.1177, -75.7861



47.1025, 59.7465, -53.3034

Rectangle

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



47.1011, 44.3466, 29.7999



47.1025, -15.0553, 31.7624



47.1025, -36.1177, -75.7861



47.1025, 11.4904, -105.7857

Sweetspot

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



47.1025, 44.3424, 29.8005



83.4706, 7.7165, 21.4641



41.6327, 75.6282, -6.6734



37.6165, 4.5579, 10.8023

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1025, 44.3424, 29.8005



54.9039, 52.4373, 34.7495



74.1985, -9.8355, 45.5485



38.1667, -0.6586, 4.3886



36.5769, 33.4486, 23.1241



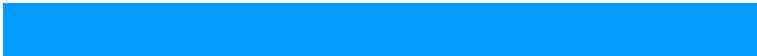
10.4756, 6.7032, 6.5724

Inverse Universe

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



47.8334, -1.6560, -56.2126



55.7376, -1.5508, -66.3195



24.5120, 55.7916, -151.0754



38.2545, -3.2646, -0.3341



37.1647, -1.7771, -42.6162



10.6280, -1.8198, -9.3556

Previews

White Background



This preview shows how the HunterLab color 47.1011, 44.3466, 29.7999 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 47.1011, 44.3466, 29.7999 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 47.1011, 44.3466, 29.7999 Background



This preview shows how black text looks on a background with the HunterLab color 47.1011, 44.3466, 29.7999.



This preview shows how white text looks on a background with the HunterLab color 47.1011, 44.3466,

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

47.1011, 44.3466, 29.7999

Protanopia

47.4274, -6.6194, 28.1597

Deuteranopia

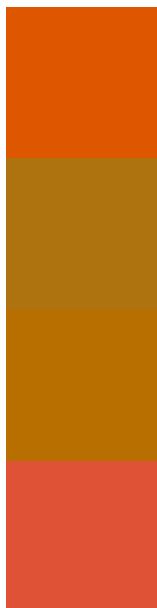
47.2312, 2.4455, 29.1464



Tritanopia

47.1598, 50.8871, 19.1456

Trichromacy



Original Color

47.1011, 44.3466, 29.7999

Protanomaly

46.1431, 10.7975, 28.0883

Deuteranomaly

46.3316, 17.4844, 28.8554

Tritanomaly

46.8923, 47.7987, 25.3189

Monochromacy



Original Color

47.1011, 44.3466, 29.7999

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 47.1011, 44.3466, 29.7999 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, 86, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 86, 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, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 86, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1011, 44.3466, 29.7999 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, 86, 0) }
```


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

```
.border{ border-color:rgb(222, 86, 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, 86, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 86, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 86, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 86, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.1011, 44.3466, 29.7999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 86, 0) }
```

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

```
.background{ background-color: rgb(222, 86,  
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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