

Converting Colors

HunterLab(46.8582, 44.6120,
26.0025)

Have a look what the booklet for
HunterLab(46.8582, 44.6120,
26.0025) contains.

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Color

**HunterLab(47.0032, 44.5749,
26.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5631
RGB	220, 86, 49
RGB Percent	86%, 34%, 19%
CMY	0.1373, 0.6627, 0.8078
CMYK	0.00, 0.61, 0.78, 0.14
HSL	13°, 71%, 53%
HSV	13°, 78%, 86%
XYZ	33.3974, 22.0930, 5.4099
YIQ	121.8480, 91.7410, 16.9010

Conversions

Conversions Part 2

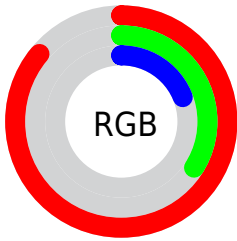
Format	Color
R_{YB}	220, 96, 49
Decimal	14439985
CIE _{Lab}	54.13, 50.56, 47.38
CIE _{LCh}	54, 69.289, 43.142
Yxy	22.0943, 0.5484, 0.3628
Android (android.graphics.Color)	4292630065 (0xFFDC5631)
YUV	121.8480, -35.9141, 86.0793
Hunter-Lab	47.0032, 44.5749, 26.0782

Details

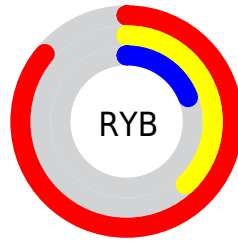
The HunterLab color **47.0032, 44.5749, 26.0782** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **62.9953, -22.0709, -25.2962**, and the grayscale version is **44.1681, -2.3567, 2.3997**.

A 20% lighter version of the original color is **63.9516, 35.5222, 29.3155**, and **28.3669, 40.6180, 18.1907** is the 20% darker color. If you saturate the color by 10%, you get **44.1845, 51.2539, 26.7320**, and if you desaturate by 10%, it is **50.4185, 37.5472, 24.7146**.

Distribution



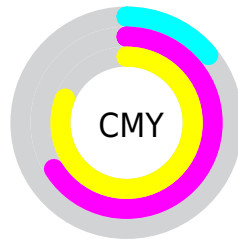
- Red (86%)
- Green (34%)
- Blue (19%)



- Red (86%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (14%)



- Cyan (14%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0032, 44.5749, 26.0782 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 47.0032, 44.5749, 26.0782 by changing the saturation by 10% instead.

47.0032, 44.5749,
26.0782

47.0032, 44.5749,
26.0782

162.1845, 56.3416,
54.0124

37.3178, 42.7575,
22.2665

68.4849, 47.8660,
33.0920

28.4066, 40.8479,
18.2126

80.1935, 49.3512,
36.3630

20.3454, 38.8926,
14.2418

92.5024, 50.7352,
39.5124

13.2356, 37.0573,
9.2649

105.3837, 52.0241,
42.5601

6.7592, 40.1575,
4.7315

118.8129, 53.2239,
45.5222

0.0000, INF, NaN

0.0000, NaN, NaN

132.7685, 54.3401,

48.4116

0.0000, NaN, NaN

147.2315, 55.3778,
51.2387

0.0000, NaN, NaN

■ 47.0032, 44.5749,
26.0782

■ 47.0032, 44.5749,
26.0782

■ 44.1845, 51.2539,
26.7320

■ 50.4185, 37.5472,
24.7146

■ 42.0010, 57.1809,
26.6791

■ 54.3655, 30.5003,
22.7394

■ 41.5907, 58.3580,
26.6497

■ 58.7805, 23.6398,
20.2735

■ 63.6021, 17.0822,
17.4276

■ 68.7757, 10.8767,
14.2923

■ 74.2543, 5.0298,
10.9367

■ 79.9988, -0.4757,
7.4119

■ 85.9764, -5.6688,
3.7549

■ 92.1600, -10.5826,
-0.0080

Harmonies

Analogous

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



47.0045, 63.7027, 12.9419



47.0032, 44.5749, 26.0782



47.0045, 14.4737, 30.1093

Triad

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



47.0045, 44.5708, 26.0789



47.0045, -44.3232, 15.3123



47.0045, 10.6201, -81.8690

Complementary

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



47.0032, 44.5749, 26.0782



62.9953, -22.0709, -25.2962

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.



47.0045, -17.3804, -79.7572



47.0032, 44.5749, 26.0782



47.0045, -44.8812, -10.9160

Square

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



47.0045, 44.5708, 26.0789



47.0045, -34.4407, 26.9256



47.0045, -36.2061, -48.9212



47.0045, 41.1762, -53.6424

Rectangle

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



47.0032, 44.5749, 26.0782



47.0045, -5.4793, 30.5276



47.0045, -36.2061, -48.9212



47.0045, 0.5337, -85.0242

Sweetspot

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



47.0045, 44.5708, 26.0789



84.1923, 9.6702, 15.1233



45.7700, 73.7745, -30.5372



37.8727, 5.6546, 7.6566

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0045, 44.5708, 26.0789



50.5775, 64.9646, 31.6396



66.1073, 3.6636, 38.1929



36.7506, 0.2046, 3.7322



32.0719, 44.0567, 20.5339



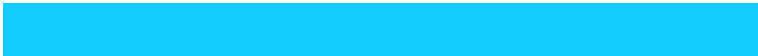
8.9116, 9.0424, 5.6496

Inverse Universe

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



62.9953, -22.0709, -25.2962



70.9783, -24.0889, -35.7136



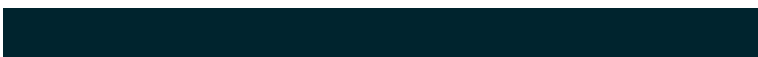
38.7201, 18.7743, -79.4926



37.8502, -4.0187, 0.3011



45.3929, -15.0738, -24.1973



12.0673, -4.5353, -5.2926

Previews

White Background



This preview shows how the HunterLab color 47.0032, 44.5749, 26.0782 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 47.0032, 44.5749, 26.0782 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 47.0032, 44.5749, 26.0782 Background



This preview shows how black text looks on a background with the HunterLab color 47.0032, 44.5749, 26.0782.



This preview shows how white text looks on a background with the HunterLab color 47.0032, 44.5749,

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

47.0032, 44.5749, 26.0782

Protanopia

47.1618, -5.4975, 23.2352

Deuteranopia

47.0095, 3.3711, 26.6052



Tritanopia

47.0052, 48.9673, 18.4482

Trichromacy



Original Color

47.0032, 44.5749, 26.0782

Protanomaly

45.9355, 11.9768, 23.5187

Deuteranomaly

46.3860, 18.0263, 25.9771

Tritanomaly

46.9465, 47.5545, 21.8001

Monochromacy



Original Color

47.0032, 44.5749, 26.0782

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

43.6264, 12.1738, 12.3819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0032, 44.5749, 26.0782 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(220, 86, 49)` looks like.

```
.text, #text, p{  
    color:rgb(220, 86, 49)  
}
```

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(220, 86, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 86, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0032, 44.5749, 26.0782 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(220, 86, 49) }
```


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

```
.border{ border-color:rgb(220, 86, 49) }
```

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

Here you see how a box with a 4 pixel rgb(220, 86, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 86, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 86, 49);  
box-shadow:4px 4px 4px 4px rgb(220, 86,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0032, 44.5749, 26.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 86, 49) }
```

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

```
.background{ background-color: rgb(220, 86,  
49) }
```

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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