

Converting Colors

HunterLab(47.3413, 46.6685,
28.4154)

Have a look what the booklet for
HunterLab(47.3413, 46.6685,
28.4154) contains.

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Color

**HunterLab(47.3729, 46.9268,
28.4752)**

Conversions

Conversions Part 1

Format	Color
Hex	E1541E
RGB	225, 84, 30
RGB Percent	88%, 33%, 12%
CMY	0.1177, 0.6706, 0.8823
CMYK	0.00, 0.63, 0.87, 0.12
HSL	17°, 76%, 50%
HSV	17°, 87%, 88%
XYZ	34.4560, 22.4419, 3.7440
YIQ	120.0030, 101.3700, 13.0980

Conversions

Conversions Part 2

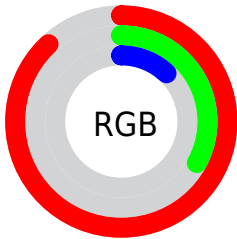
Format	Color
R_{YB}	225, 105, 30
Decimal	14767134
CIE _{Lab}	54.49, 52.66, 56.50
CIE _{LCh}	54, 77.240, 47.015
Yxy	22.4432, 0.5682, 0.3701
Android (android.graphics.Color)	4292957214 (0xFFE1541E)
YUV	120.0030, -44.3715, 92.0824
Hunter-Lab	47.3729, 46.9268, 28.4752

Details

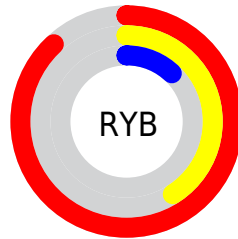
The HunterLab color **47.3729, 46.9268, 28.4752** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **59.0213, -16.5270, -35.4786**, and the grayscale version is **43.4801, -2.3200, 2.3624**.

A 20% lighter version of the original color is **63.4975, 34.9398, 32.4698**, and **28.8698, 43.6249, 18.5532** is the 20% darker color. If you saturate the color by 10%, you get **44.8629, 53.3615, 28.2938**, and if you desaturate by 10%, it is **50.4257, 40.1319, 27.8847**.

Distribution



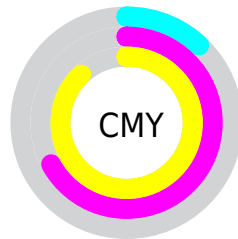
- Red (88%)
- Green (33%)
- Blue (12%)



- Red (88%)
- Yellow (41%)
- Blue (12%)



- Cyan (0%)
- Magenta (63%)
- Yellow (87%)
- Black (12%)



- Cyan (12%)
- Magenta (67%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3729, 46.9268, 28.4752 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 47.3729, 46.9268, 28.4752 by changing the saturation by 10% instead.

47.3729, 46.9268,
28.4752

47.3729, 46.9268,
28.4752

162.7428, 59.2875,
60.9701

37.6602, 45.0476,
24.0224

68.9039, 50.3501,
36.6888

28.7193, 43.0840,
19.6750

80.6351, 51.9029,
40.5138

20.6253, 41.0903,
14.4377

92.9655, 53.3545,
44.1886

13.4784, 39.2500,
9.4349

105.8673, 54.7104,
47.7357

7.0536, 41.5970,
4.9375

119.3162, 55.9766,
51.1734

0.0000, INF, NaN

0.0000, NaN, NaN

133.2908, 57.1582,

54.5169

0.0000, NaN, NaN

147.7721, 58.2603,
57.7790

0.0000, NaN, NaN

47.3729, 46.9268,
28.4752

47.3729, 46.9268,
28.4752

44.8629, 53.3615,
28.2938

50.4257, 40.1319,
27.8847

44.1443, 55.3397,
28.1703

53.9744, 33.2976,
26.5292

57.9690, 26.6329,
24.4936

62.3574, 20.2662,
21.8834

67.0913, 14.2605,
18.8006

■ 72.1277, 8.6340,
15.3338

■ 77.4295, 3.3774,
11.5552

■ 82.9653, -1.5335,
7.5220

■ 88.7084, -6.1294,
3.2785

Harmonies

Analogous

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



47.3743, 71.4825, 16.6643



47.3729, 46.9268, 28.4752



47.3743, 12.0444, 31.4739

Triad

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



47.3743, 46.9225, 28.4758



47.3743, -48.6842, 13.8987



47.3743, 16.7725, -93.9219

Complementary

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



47.3729, 46.9268, 28.4752



59.0213, -16.5270, -35.4786

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.



47.3743, -15.5316, -96.6840



47.3729, 46.9268, 28.4752



47.3743, -48.0491, -17.8523

Square

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



47.3743, 46.9225, 28.4758



47.3743, -39.5476, 27.5958



47.3743, -37.4968, -62.9767



47.3743, 51.1628, -56.8896

Rectangle

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



47.3729, 46.9268, 28.4752



47.3743, -9.7857, 31.6222



47.3743, -37.4968, -62.9767



47.3743, 5.1898, -99.4690

Sweetspot

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



47.3743, 46.9225, 28.4758



83.4129, 9.6467, 17.4679



44.6690, 77.9083, -23.5870



37.6345, 5.4832, 8.7497

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3743, 46.9225, 28.4758



50.7139, 64.2523, 32.3745



69.6722, -0.2162, 41.8825



37.8356, -0.0941, 4.0272



33.7617, 41.2670, 21.5262



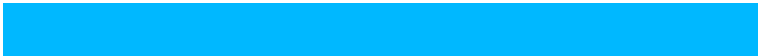
9.6853, 8.6610, 6.1196

Inverse Universe

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



59.0213, -16.5270, -35.4786



64.5421, -15.4090, -47.4084



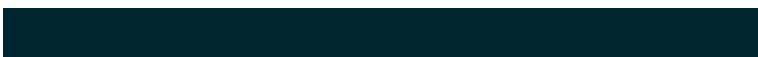
32.8827, 32.9803, -107.6002



38.5965, -3.8196, 0.0783



42.8577, -10.6562, -30.5648



11.9207, -3.7193, -6.8710

Previews

White Background



This preview shows how the HunterLab color 47.3729, 46.9268, 28.4752 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 47.3729, 46.9268, 28.4752 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 47.3729, 46.9268, 28.4752 Background



This preview shows how black text looks on a background with the HunterLab color 47.3729, 46.9268, 28.4752.



This preview shows how white text looks on a background with the HunterLab color 47.3729, 46.9268,

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

47.3729, 46.9268, 28.4752

Protanopia

47.5424, -5.9802, 26.4590

Deuteranopia

47.3441, 2.8261, 29.2227



Tritanopia

47.4841, 52.3672, 19.9580

Trichromacy



Original Color

47.3729, 46.9268, 28.4752

Protanomaly

46.1395, 12.2841, 26.2896

Deuteranomaly

46.3964, 18.9225, 28.5159

Tritanomaly

47.3537, 49.9375, 23.9803

Monochromacy



Original Color

47.3729, 46.9268, 28.4752

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.9798, 12.3270, 14.2612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3729, 46.9268, 28.4752 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, 84, 30)` looks like.

```
.text, #text, p{  
    color:rgb(225, 84, 30)  
}
```

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, 84, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 84, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3729, 46.9268, 28.4752 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, 84, 30) }
```


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

```
.border{ border-color:rgb(225, 84, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 84, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 84, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 84, 30);  
box-shadow:4px 4px 4px 4px rgb(225, 84,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3729, 46.9268, 28.4752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 84, 30) }
```

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

```
.background{ background-color: rgb(225, 84,  
30) }
```

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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