

Converting Colors

HunterLab(46.7188, 41.5455,
28.8841)

Have a look what the booklet for
HunterLab(46.7188, 41.5455,
28.8841) contains.

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Color

**HunterLab(46.6568, 41.5360,
28.8539)**

Conversions

Conversions Part 1

Format	Color
Hex	D95810
RGB	217, 88, 16
RGB Percent	85%, 35%, 6%
CMY	0.1490, 0.6549, 0.9372
CMYK	0.00, 0.59, 0.93, 0.15
HSL	21°, 86%, 46%
HSV	21°, 93%, 85%
XYZ	32.1985, 21.7686, 2.9949
YIQ	118.3630, 99.9960, 4.9560

Conversions

Conversions Part 2

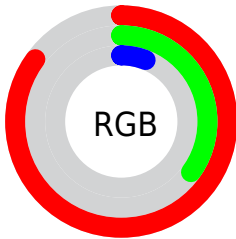
Format	Color
R_{YB}	217, 128, 16
Decimal	14243856
CIE _{Lab}	53.78, 47.77, 59.94
CIE _{LCh}	54, 76.647, 51.445
Yxy	21.7698, 0.5653, 0.3822
Android (android.graphics.Color)	4292433936 (0xFFD95810)
YUV	118.3630, -50.4650, 86.5046
Hunter-Lab	46.6568, 41.5360, 28.8539

Details

The HunterLab color **46.6568, 41.5360, 28.8539** 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 **50.3678, -7.1199, -46.3619**, and the grayscale version is **42.8673, -2.2873, 2.3291**.

A 20% lighter version of the original color is **64.0788, 32.8552, 34.5445**, and **28.2095, 38.3999, 18.0548** is the 20% darker color. If you saturate the color by 10%, you get **44.9034, 45.9255, 28.4733**, and if you desaturate by 10%, it is **49.3756, 35.4415, 28.8735**.

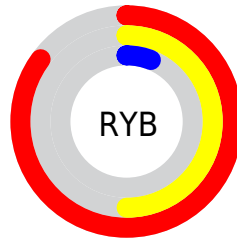
Distribution



Red (85%)

Green (35%)

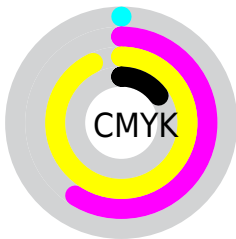
Blue (6%)



Red (85%)

Yellow (50%)

Blue (6%)

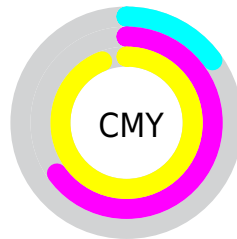


Cyan (0%)

Magenta (59%)

Yellow (93%)

Black (15%)



Cyan (15%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6568, 41.5360, 28.8539 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 46.6568, 41.5360, 28.8539 by changing the saturation by 10% instead.

46.6568, 41.5360,
28.8539

46.6568, 41.5360,
28.8539

161.6607, 52.4881,
63.1735

36.9971, 39.8055,
24.1476

68.0920, 44.6430,
37.5493

28.1139, 37.9733,
19.6797

79.7794, 46.0350,
41.5972

20.0836, 36.0753,
14.0585

92.0681, 47.3263,
45.4831

13.0089, 34.2518,
9.1063

104.9301, 48.5236,
49.2301

6.4706, 38.0677,
4.5294

118.3407, 49.6330,
52.8578

0.0000, INF, NaN

0.0000, NaN, NaN

132.2786, 50.6602,

56.3822

0.0000, NaN, NaN

146.7243, 51.6104,
59.8170

0.0000, NaN, NaN

46.6568, 41.5360,
28.8539

46.6568, 41.5360,
28.8539

44.9034, 45.9255,
28.4733

49.3756, 35.4415,
28.8735

52.4692, 29.4405,
28.1089

55.9069, 23.6762,
26.5868

59.6545, 18.2358,
24.3758

63.6792, 13.1612,
21.5590

■ 67.9508, 8.4623,
18.2186

■ 72.4424, 4.1293,
14.4297

■ 77.1305, 0.1409,
10.2573

■ 81.9948, -3.5300,
5.7560

Harmonies

Analogous

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



46.6581, 68.2489, 19.0652



46.6568, 41.5360, 28.8539



46.6581, 6.8552, 31.1346

Triad

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



46.6581, 41.5319, 28.8545



46.6581, -48.5211, 10.3170



46.6581, 21.7585, -89.0915

Complementary

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



46.6568, 41.5360, 28.8539



50.3678, -7.1199, -46.3619

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.



46.6581, -11.1569, -97.7784



46.6568, 41.5360, 28.8539



46.6581, -46.5144, -23.7902

Square

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



46.6581, 41.5319, 28.8545



46.6581, -41.0117, 26.0582



46.6581, -34.5357, -68.6296



46.6581, 54.8885, -49.4703

Rectangle

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



46.6568, 41.5360, 28.8539



46.6581, -13.9033, 31.0645



46.6581, -34.5357, -68.6296



46.6581, 10.1336, -96.4432

Sweetspot

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



46.6581, 41.5319, 28.8545



83.9002, 7.8334, 19.9454



41.4945, 73.8149, -12.3761



37.7438, 4.6963, 10.1158

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.6581, 41.5319, 28.8545



53.6678, 55.7892, 34.0465



70.8985, -7.1334, 43.1524



37.1633, -0.5016, 4.1842



35.1967, 35.0242, 22.3012



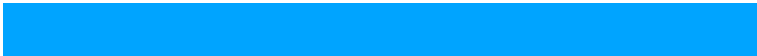
9.8100, 6.7440, 6.1630

Inverse Universe

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



50.3678, -7.1199, -46.3619



58.0047, -5.3023, -61.0547



26.6193, 45.4247, -129.0154



37.4219, -3.3259, -0.2134



38.0303, -4.1428, -38.5915



10.4774, -2.2900, -8.1524

Previews

White Background



This preview shows how the HunterLab color 46.6568, 41.5360, 28.8539 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 46.6568, 41.5360, 28.8539 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 46.6568, 41.5360, 28.8539 Background



This preview shows how black text looks on a background with the HunterLab color 46.6568, 41.5360, 28.8539.



This preview shows how white text looks on a background with the HunterLab color 46.6568, 41.5360,

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

46.6568, 41.5360, 28.8539

Protanopia

46.6949, -6.2679, 27.2685

Deuteranopia

46.8534, 2.5343, 28.9152



Tritanopia

46.6720, 48.1717, 18.1478

Trichromacy



Original Color

46.6568, 41.5360, 28.8539

Protanomaly

45.5615, 10.2853, 27.1303

Deuteranomaly

46.0785, 16.7398, 28.4647

Tritanomaly

46.4575, 45.2086, 23.7840

Monochromacy



Original Color

46.6568, 41.5360, 28.8539

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.4022, 10.2816, 15.4231

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6568, 41.5360, 28.8539 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(217, 88, 16)` looks like.

```
.text, #text, p{  
    color:rgb(217, 88, 16)  
}
```

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(217, 88, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 88, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6568, 41.5360, 28.8539 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(217, 88, 16) }
```


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

```
.border{ border-color:rgb(217, 88, 16) }
```

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

Here you see how a box with a 4 pixel rgb(217, 88, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 88, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 88, 16);  
box-shadow:4px 4px 4px 4px rgb(217, 88,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.6568, 41.5360, 28.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 88, 16) }
```

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

```
.background{ background-color: rgb(217, 88,  
16) }
```

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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