

Converting Colors

HunterLab(46.4966, 44.2309,
29.4253)

Have a look what the booklet for
HunterLab(46.4966, 44.2309,
29.4253) contains.

HunterLab(46.4288, 44.4125, 29.3867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(46.4288, 44.4125,
29.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5400
RGB	220, 84, 0
RGB Percent	86%, 33%, 0%
CMY	0.1373, 0.6706, 1.0000
CMYK	0.00, 0.62, 1.00, 0.14
HSL	23°, 100%, 43%
HSV	23°, 100%, 86%
XYZ	32.6856, 21.5563, 2.4381
YIQ	115.0880, 108.0200, 2.7080

Conversions

Conversions Part 2

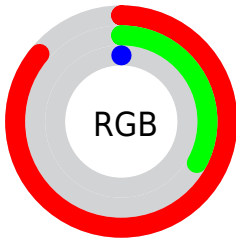
Format	Color
RYB	220, 136, 0
Decimal	14439424
CIELab	53.55, 50.50, 63.55
CIELCh	54, 81.170, 51.526
Yxy	21.5576, 0.5767, 0.3803
Android (android.graphics.Color)	4292629504 (0xFFDC5400)
YUV	115.0880, -56.7384, 92.0078
Hunter-Lab	46.4288, 44.4125, 29.3867

Details

The HunterLab color **46.4288, 44.4125, 29.3867** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **47.7225, -2.2668, -54.7552**, and the grayscale version is **41.6234, -2.2209, 2.2615**.

A 20% lighter version of the original color is **63.0839, 34.5494, 35.0571**, and **27.9405, 41.0534, 17.9355** is the 20% darker color. If you saturate the color by 10%, you get **46.4296, 44.4096, 29.3872**, and if you desaturate by 10%, it is **48.9241, 38.3990, 29.8989**.

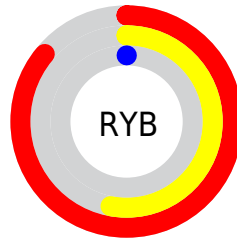
Distribution



Red (86%)

Green (33%)

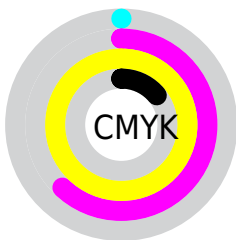
Blue (0%)



Red (86%)

Yellow (53%)

Blue (0%)

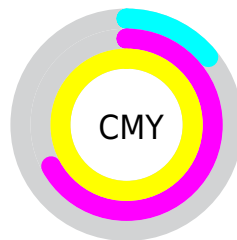


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4288, 44.4125, 29.3867 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 46.4288, 44.4125, 29.3867 by changing the saturation by 10% instead.

46.4288, 44.4125,
29.3867

46.4288, 44.4125,
29.3867

161.3156, 56.2095,
65.5629

36.7861, 42.5907,
24.4492

67.8334, 47.7123,
38.5610

27.9214, 40.6781,
19.5449

79.5067, 49.2015,
42.8342

19.9116, 38.7244,
13.9381

91.7821, 50.5891,
46.9350

12.8602, 36.9067,
9.0021

104.6313, 51.8814,
50.8868

6.2729, 42.0052,
4.3910

118.0297, 53.0843,
54.7099

0.0000, INF, NaN

0.0000, NaN, NaN


131.9558, 54.2033,


58.4212


0.0000, NaN, NaN


 146.3902, 55.2435,
62.0348


0.0000, NaN, NaN


 46.4288, 44.4125,
29.3867


 46.4288, 44.4125,
29.3867


 46.4296, 44.4096,
29.3872

 48.9241, 38.3990,
29.8989

 51.7800, 32.3730,
29.7443

 54.9794, 26.5352,
28.7834

 58.4927, 20.9967,
27.0511

 62.2895, 15.8182,
24.6166

■ 66.3405, 11.0236,
21.5605

■ 70.6194, 6.6125,
17.9622

■ 75.1023, 2.5692,
13.8944

■ 79.7684, -1.1306,
9.4207

Harmonies

Analogous

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



46.4301, 73.2878, 19.7727



46.4288, 44.4125, 29.3867



46.4301, 7.3293, 31.4252

Triad

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



46.4301, 44.4083, 29.3873



46.4301, -50.3293, 10.6312



46.4301, 23.4062, -97.2233

Complementary

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



46.4288, 44.4125, 29.3867



47.7225, -2.2668, -54.7552

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.



46.4301, -11.5368, -106.9675



46.4288, 44.4125, 29.3867



46.4301, -48.2669, -25.8110

Square

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



46.4301, 44.4083, 29.3873



46.4301, -42.7034, 26.6864



46.4301, -35.9577, -74.8328



46.4301, 58.9785, -53.5240

Rectangle

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



46.4288, 44.4125, 29.3867



46.4301, -14.5854, 31.3581



46.4301, -35.9577, -74.8328



46.4301, 11.0089, -105.4041

Sweetspot

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



46.4301, 44.4083, 29.3873



83.3460, 7.9419, 21.3462



41.3395, 75.3272, -8.4247



37.5518, 4.6768, 10.7430

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4301, 44.4083, 29.3873



54.6608, 53.0882, 34.6111



72.3409, -7.9764, 44.4363



37.2323, -0.6189, 4.2594



35.8485, 33.2797, 22.6723



9.9797, 6.3408, 6.2605

Inverse Universe

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



47.7225, -2.2668, -54.7552



56.1671, -2.2728, -65.2977



24.6225, 53.8065, -146.9280



37.3509, -3.2103, -0.2993



36.8609, -2.2370, -41.2440



10.2215, -1.9030, -8.6680

Previews

White Background



This preview shows how the HunterLab color 46.4288, 44.4125, 29.3867 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 46.4288, 44.4125, 29.3867 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 46.4288, 44.4125, 29.3867 Background



This preview shows how black text looks on a background with the HunterLab color 46.4288, 44.4125, 29.3867.



This preview shows how white text looks on a background with the HunterLab color 46.4288, 44.4125,

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

46.4288, 44.4125, 29.3867

Protanopia

46.6671, -6.4222, 27.6792

Deuteranopia

46.4763, 2.6228, 28.6844



Tritanopia

46.4789, 50.8115, 19.0904

Trichromacy



Original Color

46.4288, 44.4125, 29.3867

Protanomaly

45.4011, 10.9661, 27.6254

Deuteranomaly

45.5987, 17.6403, 28.4065

Tritanomaly

46.2239, 47.8167, 24.9998

Monochromacy



Original Color

46.4288, 44.4125, 29.3867

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.4174, 10.6545, 16.6843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4288, 44.4125, 29.3867 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, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(220, 84, 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(220, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 84, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4288, 44.4125, 29.3867 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, 84, 0) }
```


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

```
.border{ border-color:rgb(220, 84, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 84, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(220, 84, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.4288, 44.4125, 29.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 84, 0) }
```

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

```
.background{ background-color: rgb(220, 84,  
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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