

Converting Colors

HunterLab(46.2347, 34.9474,
32.0954)

Have a look what the booklet for
HunterLab(46.2347, 34.9474,
32.0954) contains.

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Color

**HunterLab(46.4008, 36.1015,
29.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	D25D00
RGB	210, 93, 0
RGB Percent	82%, 36%, 0%
CMY	0.1765, 0.6353, 1.0000
CMYK	0.00, 0.56, 1.00, 0.18
HSL	27°, 100%, 41%
HSV	27°, 100%, 82%
XYZ	30.4927, 21.5303, 2.5486
YIQ	117.3810, 99.5850, -4.1190

Conversions

Conversions Part 2

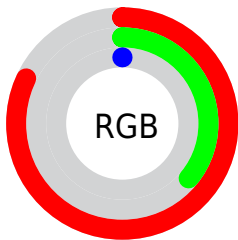
Format	Color
R _Y B	210, 167, 0
Decimal	13786368
CIE Lab	53.53, 42.61, 62.66
CIE LCh	54, 75.772, 55.787
Yxy	21.5316, 0.5588, 0.3945
Android (android.graphics.Color)	4291976448 (0xFFD25D00)
YUV	117.3810, -57.8688, 81.2269
Hunter-Lab	46.4008, 36.1015, 29.2240

Details

The HunterLab color **46.4008, 36.1015, 29.2240** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **41.6831, 4.1090, -60.9700**, and the grayscale version is **42.5149, -2.2685, 2.3099**.

A 20% lighter version of the original color is **64.9436, 30.4165, 36.2572**, and **28.0745, 33.5608, 17.8869** is the 20% darker color. If you saturate the color by 10%, you get **46.4016, 36.0988, 29.2244**, and if you desaturate by 10%, it is **48.7845, 30.7452, 29.7365**.

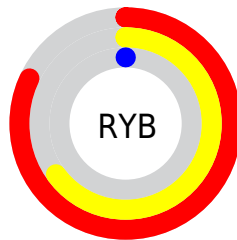
Distribution



Red (82%)

Green (36%)

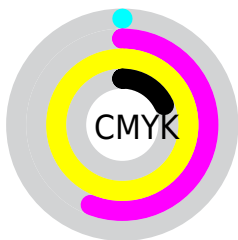
Blue (0%)



Red (82%)

Yellow (65%)

Blue (0%)

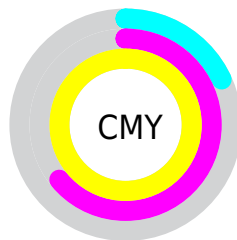


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4008, 36.1015, 29.2240 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 46.4008, 36.1015, 29.2240 by changing the saturation by 10% instead.

46.4008, 36.1015,
29.2240

46.4008, 36.1015,
29.2240

161.2731, 45.4626,
64.9547

36.7602, 34.5491,
24.3355

67.8016, 38.8410,
38.2848

27.8977, 32.8805,
19.5284

79.4732, 40.0495,
42.5043

19.8904, 31.1127,
13.9233

91.7469, 41.1597,
46.5535

12.8419, 29.3373,
8.9893

104.5945, 42.1787,
50.4560

6.2482, 33.3215,
4.3737

117.9914, 43.1130,
54.2319

0.0000, INF, NaN

0.0000, NaN, NaN

131.9160, 43.9684,

57.8980

0.0000, NaN, NaN

146.3490, 44.7501,
61.4683

0.0000, NaN, NaN

46.4008, 36.1015,
29.2240

46.4008, 36.1015,
29.2240

46.4016, 36.0988,
29.2244

48.7845, 30.7452,
29.7365

51.4329, 25.5216,
29.6139

54.3382, 20.5672,
28.7112

57.4813, 15.9462,
27.0466

60.8420, 11.6897,
24.6705

■ 64.4010, 7.8053,
21.6468

■ 68.1400, 4.2854,
18.0426

■ 72.0425, 1.1126,
13.9220

■ 76.0936, -1.7356,
9.3439

Harmonies

Analogous

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



46.4021, 64.4604, 21.0649



46.4008, 36.1015, 29.2240



46.4021, 1.9910, 30.9690

Triad

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



46.4021, 36.0977, 29.2246



46.4021, -48.2773, 6.5086



46.4021, 26.4608, -83.2576

Complementary

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



46.4008, 36.1015, 29.2240



41.6831, 4.1090, -60.9700

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.



46.4021, -6.7848, -97.3433



46.4008, 36.1015, 29.2240



46.4021, -44.9348, -29.6035

Square

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



46.4021, 36.0977, 29.2246



46.4021, -42.2543, 24.4589



46.4021, -31.5076, -73.2822



46.4021, 57.9474, -42.1116

Rectangle

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



46.4008, 36.1015, 29.2240



46.4021, -17.6322, 30.6807



46.4021, -31.5076, -73.2822



46.4021, 14.9105, -92.1275

Sweetspot

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



46.4021, 36.0977, 29.2246



84.7183, 5.4788, 22.6371



38.7732, 69.8347, -1.5742



38.2652, 3.3773, 11.3926

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4021, 36.0977, 29.2246



57.4941, 45.7326, 36.2282



72.9255, -14.2468, 44.6868



35.5776, -0.8830, 4.2224



36.5067, 27.5335, 22.9773



9.4984, 4.4996, 5.9316

Inverse Universe

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



41.6831, 4.1090, -60.9700



51.5610, 5.7766, -76.9167



22.2875, 55.4221, -147.4971



35.3473, -2.7639, -0.4818



32.8659, 2.6486, -46.7971



8.7226, -0.9843, -8.7778

Previews

White Background



This preview shows how the HunterLab color 46.4008, 36.1015, 29.2240 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 46.4008, 36.1015, 29.2240 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 46.4008, 36.1015, 29.2240 Background



This preview shows how black text looks on a background with the HunterLab color 46.4008, 36.1015, 29.2240.



This preview shows how white text looks on a background with the HunterLab color 46.4008, 36.1015,

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

46.4008, 36.1015, 29.2240

Protanopia

46.6592, -6.4665, 27.7970

Tritanopia

46.4609, 43.5232, 16.4699

Trichromacy



Original Color

46.4008, 36.1015, 29.2240

Protanomaly

45.7765, 8.3300, 27.8599

Tritanomaly

46.1621, 39.9603, 23.8301

Monochromacy



Original Color

46.4008, 36.1015, 29.2240

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.1887, 8.0865, 17.0334

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4008, 36.1015, 29.2240 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(210, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 93, 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(210, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 93, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4008, 36.1015, 29.2240 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(210, 93, 0) }
```

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

```
.border{ border-color:rgb(210, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(210, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 93, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 46.4008, 36.1015, 29.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 93, 0) }
```

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

```
.background{ background-color: rgb(210, 93,  
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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