

Converting Colors

HunterLab(46.2238, 37.9043,
29.1473)

Have a look what the booklet for
HunterLab(46.2238, 37.9043,
29.1473) contains.

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Color

**HunterLab(46.3457, 37.8771,
29.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	D45B00
RGB	212, 91, 0
RGB Percent	83%, 36%, 0%
CMY	0.1686, 0.6431, 1.0000
CMYK	0.00, 0.57, 1.00, 0.17
HSL	26°, 100%, 42%
HSV	26°, 100%, 83%
XYZ	30.8925, 21.4792, 2.5177
YIQ	116.8050, 101.3270, -2.6490

Conversions

Conversions Part 2

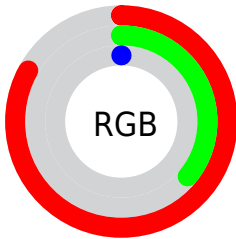
Format	Color
RYB	212, 159, 0
Decimal	13916928
CIELab	53.47, 44.33, 62.80
CIElCh	53, 76.868, 54.780
Yxy	21.4805, 0.5628, 0.3913
Android (android.graphics.Color)	4292107008 (0xFFD45B00)
YUV	116.8050, -57.5849, 83.4860
Hunter-Lab	46.3457, 37.8771, 29.2211

Details

The HunterLab color **46.3457, 37.8771, 29.2211** 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 **42.9271, 2.7217, -59.5302**, and the grayscale version is **42.2908, -2.2565, 2.2977**.

A 20% lighter version of the original color is **64.4712, 31.4524, 35.9528**, and **27.8851, 34.9779, 17.7950** is the 20% darker color. If you saturate the color by 10%, you get **46.3465, 37.8745, 29.2215**, and if you desaturate by 10%, it is **48.7583, 32.3691, 29.7364**.

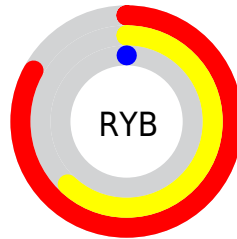
Distribution



Red (83%)

Green (36%)

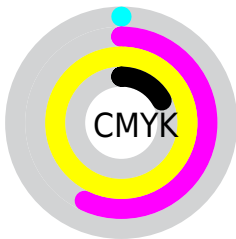
Blue (0%)



Red (83%)

Yellow (62%)

Blue (0%)

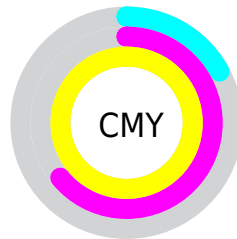


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3457, 37.8771, 29.2211 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 46.3457, 37.8771, 29.2211 by changing the saturation by 10% instead.

46.3457, 37.8771,
29.2211

46.3457, 37.8771,
29.2211

161.1896, 47.7885,
65.0286

36.7092, 36.2617,
24.3241

67.7390, 40.7452,
38.3022

27.8512, 34.5345,
19.4958

79.4072, 42.0174,
42.5311

19.8489, 32.7189,
13.8942

91.6777, 43.1903,
46.5892

12.8060, 30.9238,
8.9642

104.5222, 44.2708,
50.5002

6.1992, 35.3473,
4.3394

117.9162, 45.2654,
54.2841


0.0000, INF, NaN

0.0000, NaN, NaN


131.8380, 46.1799,


57.9577


0.0000, NaN, NaN


 146.2682, 47.0194,
61.5353


0.0000, NaN, NaN


 46.3457, 37.8771,
29.2211


 46.3457, 37.8771,
29.2211


 46.3465, 37.8745,
29.2215

 48.7583, 32.3691,
29.7364

 51.4545, 26.9692,
29.6101

 54.4248, 21.8254,
28.6983

 57.6477, 17.0102,
27.0227

 61.1014, 12.5597,
24.6376

■ 64.7643, 8.4844,
21.6104

■ 68.6167, 4.7775,
18.0108

■ 72.6407, 1.4219,
13.9050

■ 76.8202, -1.6055,
9.3529

Harmonies

Analogous

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



46.3470, 66.3133, 20.7547



46.3457, 37.8771, 29.2211



46.3470, 3.1637, 31.0364

Triad

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



46.3470, 37.8732, 29.2217



46.3470, -48.6770, 7.4638



46.3470, 25.7338, -86.1699

Complementary

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



46.3457, 37.8771, 29.2211



42.9271, 2.7217, -59.5302

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.



46.3470, -7.8573, -99.3146



46.3457, 37.8771, 29.2211



46.3470, -45.6365, -28.6975

Square

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



46.3470, 37.8732, 29.2217



46.3470, -42.2962, 24.9655



46.3470, -32.4836, -73.5204



46.3470, 58.0940, -44.5115

Rectangle

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



46.3457, 37.8771, 29.2211



46.3470, -16.9338, 30.8079



46.3470, -32.4836, -73.5204



46.3470, 14.0061, -94.8865

Sweetspot

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



46.3470, 37.8732, 29.2217



84.4107, 6.0272, 22.3491



39.2987, 70.9811, -3.1451



38.1052, 3.6666, 11.2476

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.3470, 37.8732, 29.2217



56.8300, 47.4126, 35.8484



72.6147, -12.7281, 44.5219



36.4536, -0.8367, 4.2956



36.6757, 29.1025, 23.1089



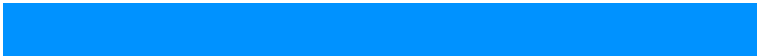
9.8682, 5.1117, 6.1702

Inverse Universe

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



42.9271, 2.7217, -59.5302



52.5690, 3.9536, -74.2413



22.7497, 55.0857, -147.3486



36.2953, -2.9023, -0.4534



34.0270, 1.6103, -46.0069



9.2803, -1.1490, -9.1192

Previews

White Background



This preview shows how the HunterLab color 46.3457, 37.8771, 29.2211 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 46.3457, 37.8771, 29.2211 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 46.3457, 37.8771, 29.2211 Background



This preview shows how black text looks on a background with the HunterLab color 46.3457, 37.8771, 29.2211.



This preview shows how white text looks on a background with the HunterLab color 46.3457, 37.8771,

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

46.3457, 37.8771, 29.2211

Protanopia

46.6592, -6.4665, 27.7970

Deuteranopia

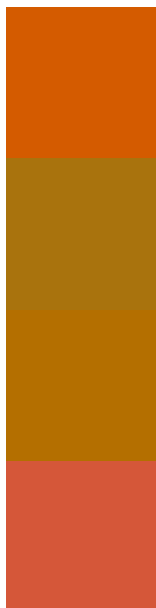
46.4763, 2.6228, 28.6844



Tritanopia

46.4019, 45.0709, 17.0221

Trichromacy



Original Color

46.3457, 37.8771, 29.2211

Protanomaly

45.5253, 8.8079, 27.7108

Deuteranomaly

45.9044, 14.9623, 28.5480

Tritanomaly

46.1063, 41.6037, 24.1611

Monochromacy



Original Color

46.3457, 37.8771, 29.2211

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.3024, 8.4537, 17.1343

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3457, 37.8771, 29.2211 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(212, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 91, 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(212, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 91, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3457, 37.8771, 29.2211 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(212, 91, 0) }
```


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

```
.border{ border-color:rgb(212, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(212, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.3457, 37.8771, 29.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 91, 0) }
```

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

```
.background{ background-color: rgb(212, 91,  
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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