

Converting Colors

HunterLab(48.3145, 41.1775,
30.4921)

Have a look what the booklet for
HunterLab(48.3145, 41.1775,
30.4921) contains.

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Color

**HunterLab(48.3304, 41.1372,
30.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5D00
RGB	222, 93, 0
RGB Percent	87%, 36%, 0%
CMY	0.1294, 0.6353, 1.0000
CMYK	0.00, 0.58, 1.00, 0.13
HSL	25°, 100%, 44%
HSV	25°, 100%, 87%
XYZ	34.0385, 23.3583, 2.7145
YIQ	120.9690, 106.7370, -1.5750

Conversions

Conversions Part 2

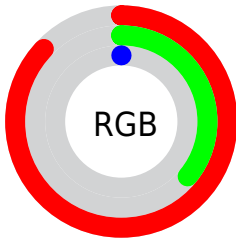
Format	Color
RYB	222, 160, 0
Decimal	14572800
CIELab	55.44, 47.14, 64.74
CIElCh	55, 80.086, 53.944
Yxy	23.3596, 0.5662, 0.3886
Android (android.graphics.Color)	4292762880 (0xFFDE5D00)
YUV	120.9690, -59.6377, 88.6042
Hunter-Lab	48.3304, 41.1372, 30.5012

Details

The HunterLab color **48.3304, 41.1372, 30.5012** 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 **45.7963, 1.8418, -61.2170**, and the grayscale version is **43.9113, -2.3430, 2.3858**.

A 20% lighter version of the original color is **65.1902, 29.9411, 36.2826**, and **29.7018, 38.3097, 18.9728** is the 20% darker color. If you saturate the color by 10%, you get **48.3314, 41.1340, 30.5017**, and if you desaturate by 10%, it is **50.8696, 35.2491, 31.0660**.

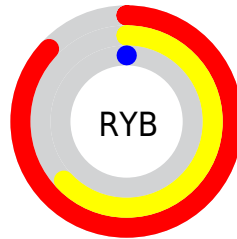
Distribution



Red (87%)

Green (36%)

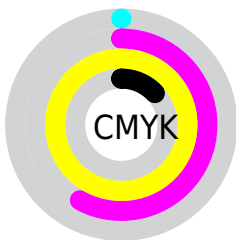
Blue (0%)



Red (87%)

Yellow (63%)

Blue (0%)

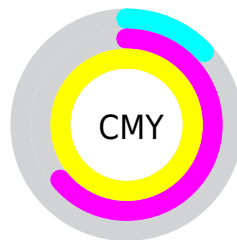


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3304, 41.1372, 30.5012 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 48.3304, 41.1372, 30.5012 by changing the saturation by 10% instead.

48.3304, 41.1372,
30.5012

48.3304, 41.1372,
30.5012

164.1849, 51.7587,
67.0299

38.5477, 39.4469,
25.5208

69.9879, 44.1623,
39.7437

29.5308, 37.6505,
20.6715

81.7772, 45.5147,
44.0551

21.3528, 35.7735,
14.9470

94.1628, 46.7679,
48.1956

14.1109, 33.9237,
9.8776

107.1174, 47.9285,
52.1883

7.7610, 33.9496,
5.4327

120.6170, 49.0025,
56.0527


0.0000, INF, NaN

0.0000, NaN, NaN


134.6403, 49.9956,


59.8054


0.0000, NaN, NaN


 149.1686, 50.9128,
63.4606


0.0000, NaN, NaN


 48.3304, 41.1372,
30.5012

 48.3304, 41.1372,
30.5012


 48.3314, 41.1340,
30.5017

 50.8696, 35.2491,
31.0660

 53.7234, 29.4509,
30.9458

 56.8796, 23.9073,
29.9971

 60.3140, 18.7027,
28.2445

 64.0018, 13.8801,
25.7480

■ 67.9188, 9.4534,
22.5814

■ 72.0429, 5.4168,
18.8201

■ 76.3539, 1.7523,
14.5353

■ 80.8340, -1.5644,
9.7908

Harmonies

Analogous

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



48.3318, 70.8907, 21.3861



48.3304, 41.1372, 30.5012



48.3318, 4.3555, 32.4547

Triad

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



48.3318, 41.1331, 30.5018



48.3318, -51.1669, 8.6216



48.3318, 26.2202, -92.5928

Complementary

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



48.3304, 41.1372, 30.5012



45.7963, 1.8418, -61.2170

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.



48.3318, -9.1480, -105.4537



48.3304, 41.1372, 30.5012



48.3318, -48.2564, -29.1595

Square

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



48.3318, 41.1331, 30.5018



48.3318, -44.1910, 26.4924



48.3318, -34.7675, -76.9650



48.3318, 60.7779, -48.6475

Rectangle

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



48.3304, 41.1372, 30.5012



48.3318, -17.0521, 32.2650



48.3318, -34.7675, -76.9650



48.3318, 13.8215, -101.5496

Sweetspot

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



48.3318, 41.1331, 30.5018



84.1781, 6.4434, 22.1308



41.3858, 74.7359, -3.1944



37.9842, 3.8862, 11.1377

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.3318, 41.1331, 30.5018



56.3386, 48.6727, 35.5677



76.4707, -13.3821, 46.8865



38.2615, -0.8195, 4.4916



37.5283, 30.9896, 23.6673



10.7251, 6.1245, 6.7160

Inverse Universe

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



45.7963, 1.8418, -61.2170



53.3410, 2.5820, -72.2455



23.9228, 58.1885, -155.5132



38.1572, -3.1058, -0.4521



35.6115, 0.8670, -46.3830



10.2707, -1.2597, -10.1182

Previews

White Background



This preview shows how the HunterLab color 48.3304, 41.1372, 30.5012 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 48.3304, 41.1372, 30.5012 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 48.3304, 41.1372, 30.5012 Background



This preview shows how black text looks on a background with the HunterLab color 48.3304, 41.1372, 30.5012.



This preview shows how white text looks on a background with the HunterLab color 48.3304, 41.1372, 30.5012.

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

48.3304, 41.1372, 30.5012

Protanopia

48.5679, -6.9379, 28.9397

Deuteranopia

48.4805, 2.5593, 29.9183



Tritanopia

48.4111, 48.3151, 18.2760

Trichromacy



Original Color

48.3304, 41.1372, 30.5012

Protanomaly

47.3844, 9.6490, 28.8905

Deuteranomaly

47.9091, 16.2706, 29.8062

Tritanomaly

48.1129, 44.8862, 25.3338

Monochromacy



Original Color

48.3304, 41.1372, 30.5012

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.7879, 9.4847, 17.6411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3304, 41.1372, 30.5012 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(222, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 93, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3304, 41.1372, 30.5012 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(222, 93, 0) }
```


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

```
.border{ border-color:rgb(222, 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(222, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.3304, 41.1372, 30.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 93, 0) }
```

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

```
.background{ background-color: rgb(222, 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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