

Converting Colors

HunterLab(48.4260, 40.3854,
29.9866)

Have a look what the booklet for
HunterLab(48.4260, 40.3854,
29.9866) contains.

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Color

**HunterLab(48.3860, 40.4129,
29.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	DD5E0F
RGB	221, 94, 15
RGB Percent	87%, 37%, 6%
CMY	0.1333, 0.6313, 0.9412
CMYK	0.00, 0.57, 0.93, 0.13
HSL	23°, 87%, 46%
HSV	23°, 93%, 87%
XYZ	33.9077, 23.4120, 3.1838
YIQ	122.9670, 101.0510, 2.3550

Conversions

Conversions Part 2

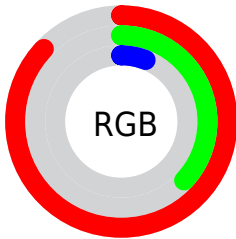
Format	Color
R _Y B	221, 143, 15
Decimal	14507535
CIE Lab	55.50, 46.45, 61.65
CIE LCh	55, 77.188, 53.006
Yxy	23.4134, 0.5604, 0.3870
Android (android.graphics.Color)	4292697615 (0xFFDD5E0F)
YUV	122.9670, -53.2277, 85.9749
Hunter-Lab	48.3860, 40.4129, 29.9689

Details

The HunterLab color **48.3860, 40.4129, 29.9689** 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 **49.6657, -4.5380, -51.1375**, and the grayscale version is **44.6668, -2.3833, 2.4268**.

A 20% lighter version of the original color is **65.4941, 29.7442, 35.4813**, and **29.6423, 37.6058, 18.9238** is the 20% darker color. If you saturate the color by 10%, you get **46.7236, 44.4882, 29.5697**, and if you desaturate by 10%, it is **51.1409, 34.3340, 30.0747**.

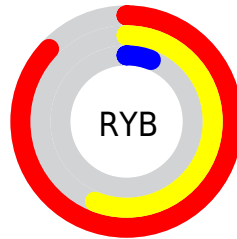
Distribution



Red (87%)

Green (37%)

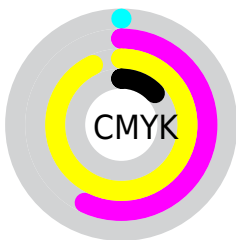
Blue (6%)



Red (87%)

Yellow (56%)

Blue (6%)

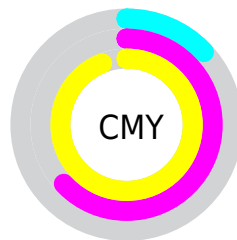


Cyan (0%)

Magenta (57%)

Yellow (93%)

Black (13%)



Cyan (13%)

Magenta (63%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3860, 40.4129, 29.9689 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 48.3860, 40.4129, 29.9689 by changing the saturation by 10% instead.

■ 48.3860, 40.4129, 29.9689

■ 48.3860, 40.4129, 29.9689

164.2684, 50.8172, 64.9361

■ 38.5993, 38.7471, 25.1925

■ 70.0508, 43.3877, 38.8115

■ 29.5780, 36.9730, 20.7046

■ 81.8434, 44.7151, 42.9340

■ 21.3952, 35.1137, 14.9766

■ 94.2323, 45.9435, 46.8939

■ 14.1478, 33.2701, 9.9034

■ 107.1899, 47.0797, 50.7141

■ 7.8000, 33.1825, 5.4600

■ 120.6924, 48.1299, 54.4136


0.0000, INF, NaN

0.0000, NaN, NaN


■ 134.7186, 49.0996,


58.0085


0.0000, NaN, NaN


 149.2496, 49.9938,
61.5122

0.0000, NaN, NaN


 48.3860, 40.4129,
29.9689


 48.3860, 40.4129,
29.9689


 46.7236, 44.4882,
29.5697

 51.1409, 34.3340,
30.0747

 54.2467, 28.4031,
29.3710

 57.6761, 22.7456,
27.8738

 61.3986, 17.4364,
25.6444

 65.3848, 12.5093,
22.7616

■ 69.6071, 7.9702,
19.3064

■ 74.0410, 3.8074,
15.3541

■ 78.6648, -0.0015,
10.9719

■ 83.4595, -3.4837,
6.2172

Harmonies

Analogous

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



48.3874, 68.2915, 20.4132



48.3860, 40.4129, 29.9689



48.3874, 5.1577, 32.1775

Triad

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



48.3874, 40.4088, 29.9695



48.3874, -49.8513, 9.2477



48.3874, 23.9616, -88.4913

Complementary

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



48.3860, 40.4129, 29.9689



49.6657, -4.5380, -51.1375

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.



48.3874, -9.8685, -99.3085



48.3860, 40.4129, 29.9689



48.3874, -47.2795, -26.3709

Square

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



48.3874, 40.4088, 29.9695



48.3874, -42.6541, 26.3101



48.3874, -34.3892, -71.5818



48.3874, 57.1978, -47.6504

Rectangle

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



48.3860, 40.4129, 29.9689



48.3874, -15.6996, 32.0198



48.3874, -34.3892, -71.5818



48.3874, 12.0959, -96.5178

Sweetspot

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



48.3874, 40.4088, 29.9695



84.4300, 6.8785, 20.4552



42.0331, 74.5419, -8.9114



38.0221, 4.1865, 10.3752

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.3874, 40.4088, 29.9695



54.7335, 52.8930, 34.6525



74.3800, -10.5007, 45.2884



37.2372, -0.6272, 4.2647



35.8961, 33.1539, 22.6994



9.9920, 6.3120, 6.2675

Inverse Universe

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



49.6657, -4.5380, -51.1375



56.0378, -2.0560, -65.6041



26.0298, 50.2807, -138.8935



37.3458, -3.2021, -0.3054



36.7786, -2.1006, -41.4354



10.2034, -1.8754, -8.7051

Previews

White Background



This preview shows how the HunterLab color 48.3860, 40.4129, 29.9689 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 48.3860, 40.4129, 29.9689 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 48.3860, 40.4129, 29.9689 Background



This preview shows how black text looks on a background with the HunterLab color 48.3860, 40.4129, 29.9689.



This preview shows how white text looks on a background with the HunterLab color 48.3860, 40.4129,

29.9689.

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

48.3860, 40.4129, 29.9689

Protanopia

48.5936, -6.7947, 28.5590

Deuteranopia

48.5940, 2.9416, 29.9949



Tritanopia

48.4332, 47.5397, 17.9992

Trichromacy



Original Color

48.3860, 40.4129, 29.9689

Protanomaly

47.4190, 9.8296, 28.3779

Deuteranomaly

47.9205, 16.3287, 29.6366

Tritanomaly

48.1908, 44.3234, 24.3181

Monochromacy



Original Color

48.3860, 40.4129, 29.9689

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.2712, 9.9889, 16.2216

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3860, 40.4129, 29.9689 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(221, 94, 15)` looks like.

```
.text, #text, p{  
    color:rgb(221, 94, 15)  
}
```

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(221, 94, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 94, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3860, 40.4129, 29.9689 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(221, 94, 15) }
```


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

```
.border{ border-color:rgb(221, 94, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 94, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 94, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 94, 15);  
box-shadow:4px 4px 4px 4px rgb(221, 94,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3860, 40.4129, 29.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 94, 15) }
```

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

```
.background{ background-color: rgb(221, 94,  
15) }
```

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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