

Converting Colors

HunterLab(38.3112, 46.3908,
23.9830)

Have a look what the booklet for
HunterLab(38.3112, 46.3908,
23.9830) contains.

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Color

**HunterLab(38.1917, 46.4290,
23.9005)**

Conversions

Conversions Part 1

Format	Color
Hex	C4380A
RGB	196, 56, 10
RGB Percent	77%, 22%, 4%
CMY	0.2314, 0.7804, 0.9608
CMYK	0.00, 0.71, 0.95, 0.23
HSL	15°, 90%, 40%
HSV	15°, 95%, 77%
XYZ	24.2340, 14.5861, 1.8253
YIQ	92.6160, 98.2060, 15.3740

Conversions

Conversions Part 2

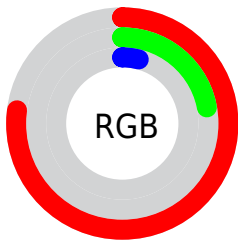
Format	Color
RYB	196, 71, 10
Decimal	12859402
CIELab	45.06, 53.85, 54.09
CIElCh	45, 76.328, 45.128
Yxy	14.5869, 0.5962, 0.3589
Android (android.graphics.Color)	4291049482 (0xFFC4380A)
YUV	92.6160, -40.7297, 90.6678
Hunter-Lab	38.1917, 46.4290, 23.9005

Details

The HunterLab color **38.1917, 46.4290, 23.9005** 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 **50.8533, -15.3015, -29.8207**, and the grayscale version is **33.0650, -1.7643, 1.7965**.

A 20% lighter version of the original color is **57.6161, 47.5819, 31.6459**, and **22.3306, 38.2418, 14.4295** is the 20% darker color. If you saturate the color by 10%, you get **37.2681, 48.9726, 23.8218**, and if you desaturate by 10%, it is **40.3778, 40.8842, 23.8315**.

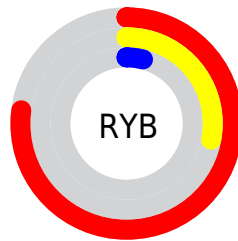
Distribution



Red (77%)

Green (22%)

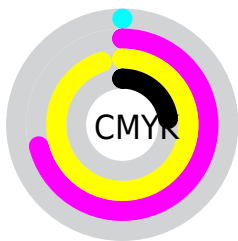
Blue (4%)



Red (77%)

Yellow (28%)

Blue (4%)

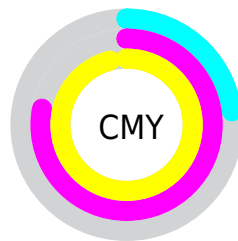


Cyan (0%)

Magenta (71%)

Yellow (95%)

Black (23%)



Cyan (23%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1917, 46.4290, 23.9005 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 38.1917, 46.4290, 23.9005 by changing the saturation by 10% instead.

■ 38.1917, 46.4290,
23.9005

■ 38.1917, 46.4290,
23.9005

■ 148.6110, 59.9354,
56.3095

■ 29.2062, 44.4348,
19.5415

■ 58.4182, 50.1306,
32.2069

■ 21.0616, 42.4198,
14.7431

■ 69.5548, 51.8230,
36.0430

■ 13.8574, 40.5658,
9.7002

■ 81.3209, 53.4095,
39.7113

■ 7.4868, 41.7562,
5.2408

■ 93.6846, 54.8950,
43.2383

0.0000, INF, NaN

0.0000, NaN, NaN

■ 106.6181, 56.2850,
46.6454


0.0000, NaN, NaN


■ 120.0975, 57.5849,


0.0000, NaN, NaN


49.9505

0.0000, NaN, NaN


 134.1015, 58.8001,
53.1678


 38.1917, 46.4290,
23.9005


 38.1917, 46.4290,
23.9005


 37.2681, 48.9726,
23.8218

 40.3778, 40.8842,
23.8315

 43.0550, 34.9857,
23.1103

 46.1826, 29.0094,
21.7781

 49.7116, 23.1524,
19.9211

 53.5933, 17.5341,
17.6345

■ 57.7829, 12.2130,
15.0047

■ 62.2407, 7.2070,
12.1036

■ 66.9330, 2.5089,
8.9875

■ 71.8313, -1.9017,
5.6993

Harmonies

Analogous

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



38.1928, 69.0357, 13.5933



38.1917, 46.4290, 23.9005



38.1928, 13.5323, 26.3091

Triad

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



38.1928, 46.4250, 23.9011



38.1928, -42.6803, 13.4403



38.1928, 13.8139, -94.3715

Complementary

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



38.1917, 46.4290, 23.9005



50.8533, -15.3015, -29.8207

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.



38.1928, -15.4583, -94.5510



38.1917, 46.4290, 23.9005



38.1928, -42.6465, -14.7314

Square

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



38.1928, 46.4250, 23.9011



38.1928, -34.3427, 23.8608



38.1928, -34.2300, -58.7957



38.1928, 46.6841, -58.4074

Rectangle

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



38.1917, 46.4290, 23.9005



38.1928, -6.9493, 26.5535



38.1928, -34.2300, -58.7957



38.1928, 3.1307, -99.1837

Sweetspot

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



38.1928, 46.4250, 23.9011



81.6082, 12.0393, 17.7110



37.7354, 69.2036, -22.6161



36.5438, 6.9425, 8.9814

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.1928, 46.4250, 23.9011



49.8230, 66.9428, 31.8726



56.9553, 4.2539, 34.8710



32.3630, 0.0156, 3.3406



30.0677, 38.6714, 19.2046



7.0980, 5.7105, 4.4737

Inverse Universe

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



50.8533, -15.3015, -29.8207



66.9974, -18.9780, -42.7728



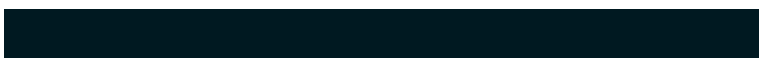
26.9078, 30.4209, -97.9605



33.1553, -3.3729, 0.1910



40.2672, -11.8250, -24.8038



8.9654, -3.2819, -4.1214

Previews

White Background



This preview shows how the HunterLab color 38.1917, 46.4290, 23.9005 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.1917, 46.4290, 23.9005 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.1917, 46.4290, 23.9005 Background



This preview shows how black text looks on a background with the HunterLab color 38.1917, 46.4290, 23.9005.



This preview shows how white text looks on a background with the HunterLab color 38.1917, 46.4290,

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

38.1917, 46.4290, 23.9005

Protanopia

38.5490, -5.3051, 22.2463

Deuteranopia

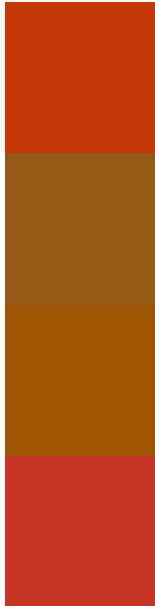
38.3888, 2.1235, 23.6922



Tritanopia

38.2003, 49.5931, 18.9903

Trichromacy



Original Color

38.1917, 46.4290, 23.9005

Protanomaly

36.7303, 13.0472, 21.7932

Deuteranomaly

37.1145, 18.5942, 23.0118

Tritanomaly

38.1529, 48.5533, 21.5100

Monochromacy



Original Color

38.1917, 46.4290, 23.9005

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.9272, 12.6980, 12.0442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1917, 46.4290, 23.9005 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(196, 56, 10)` looks like.

```
.text, #text, p{  
    color:rgb(196, 56, 10)  
}
```

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(196, 56, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 56, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1917, 46.4290, 23.9005 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(196, 56, 10) }
```


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

```
.border{ border-color:rgb(196, 56, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 56, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 56, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 56, 10);  
box-shadow:4px 4px 4px 4px rgb(196, 56,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1917, 46.4290, 23.9005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 56, 10) }
```

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

```
.background{ background-color: rgb(196, 56,  
10) }
```

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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