

Converting Colors

HunterLab(45.1869, 29.9073,
27.5591)

Have a look what the booklet for
HunterLab(45.1869, 29.9073,
27.5591) contains.

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Color

**HunterLab(45.1869, 29.9073,
27.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	C66013
RGB	198, 96, 19
RGB Percent	78%, 38%, 7%
CMY	0.2235, 0.6235, 0.9255
CMYK	0.00, 0.52, 0.90, 0.22
HSL	26°, 82%, 43%
HSV	26°, 90%, 78%
XYZ	27.5892, 20.4186, 3.1032
YIQ	117.7200, 85.5090, -2.3230

Conversions

Conversions Part 2

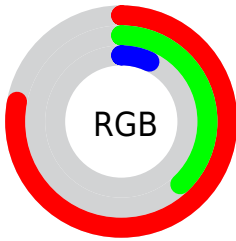
Format	Color
R_{YB}	198, 154, 19
Decimal	13000723
CIE Lab	52.31, 36.63, 56.68
CIE LCh	52, 67.484, 57.129
Yxy	20.4197, 0.5398, 0.3995
Android (android.graphics.Color)	4291190803 (0xFFC66013)
YUV	117.7200, -48.6690, 70.4056
Hunter-Lab	45.1869, 29.9073, 27.5591

Details

The HunterLab color **45.1869, 29.9073, 27.5591** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **42.2962, -1.0141, -48.8461**, and the grayscale version is **42.6153, -2.2738, 2.3154**.

A 20% lighter version of the original color is **65.5140, 29.8433, 35.1874**, and **26.9673, 27.5605, 17.0996** is the 20% darker color. If you saturate the color by 10%, you get **43.0473, 34.7638, 27.1342**, and if you desaturate by 10%, it is **47.6724, 24.9311, 27.4459**.

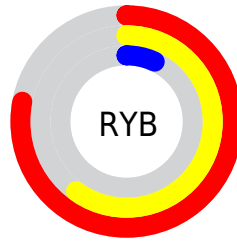
Distribution



Red (78%)

Green (38%)

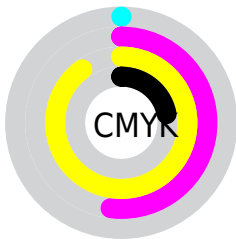
Blue (7%)



Red (78%)

Yellow (60%)

Blue (7%)

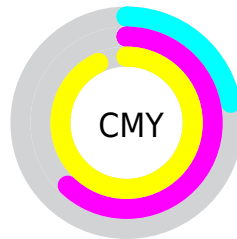


Cyan (0%)

Magenta (52%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1869, 29.9073, 27.5591 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 45.1869, 29.9073, 27.5591 by changing the saturation by 10% instead.

45.1869, 29.9073,
27.5591

45.1869, 29.9073,
27.5591

159.4297, 37.4201,
60.4034

35.6377, 28.5696,
23.0369

66.4227, 32.2136,
35.8890

26.8749, 27.1054,
18.8125

78.0188, 33.2084,
39.7611

18.9782, 25.5162,
13.2847

90.2207, 34.1082,
43.4771

12.0555, 23.8562,
8.4389

102.9998, 34.9209,
47.0602

5.0553, 32.5668,
3.5387

116.3311, 35.6529,
50.5298

0.0000, INF, NaN

0.0000, NaN, NaN

130.1925, 36.3102,

53.9018

0.0000, NaN, NaN

144.5645, 36.8978,
57.1893

0.0000, NaN, NaN

45.1869, 29.9073,
27.5591

45.1869, 29.9073,
27.5591

43.0473, 34.7638,
27.1342

47.6724, 24.9311,
27.4459

50.4075, 20.1941,
26.6106

53.3740, 15.7590,
25.0734

56.5518, 11.6586,
22.8833

59.9216, 7.9028,
20.1017

■ 63.4654, 4.4856,
16.7922

■ 67.1666, 1.3913,
13.0153

■ 71.0108, -1.4008,
8.8260

■ 74.9848, -3.9142,
4.2728

Harmonies

Analogous

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



45.1881, 54.7224, 19.8721



45.1869, 29.9073, 27.5591



45.1881, 0.2569, 29.3490

Triad

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



45.1881, 29.9039, 27.5596



45.1881, -43.9302, 4.8997



45.1881, 24.2245, -68.7972

Complementary

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



45.1869, 29.9073, 27.5591



42.2962, -1.0141, -48.8461

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.



45.1881, -5.0233, -81.7530



45.1869, 29.9073, 27.5591



45.1881, -40.4097, -26.9024

Square

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



45.1881, 29.9039, 27.5596



45.1881, -38.7126, 22.0897



45.1881, -27.6128, -63.1795



45.1881, 50.9319, -34.0985

Rectangle

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



45.1869, 29.9073, 27.5591



45.1881, -16.9152, 28.9303



45.1881, -27.6128, -63.1795



45.1881, 14.1844, -76.4932

Sweetspot

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



45.1881, 29.9039, 27.5596



85.9098, 4.6912, 20.9014



37.2990, 64.5275, -5.8926



38.9681, 2.8557, 10.4404

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.1881, 29.9039, 27.5596



56.8745, 47.2994, 35.8738



67.7894, -12.3658, 41.0160



33.7265, -0.7882, 3.9573



34.9485, 27.4474, 22.0156



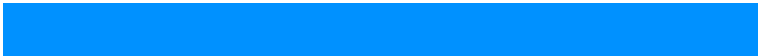
8.4943, 3.9015, 5.3025

Inverse Universe

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



42.2962, -1.0141, -48.8461



52.5004, 4.0766, -74.4211



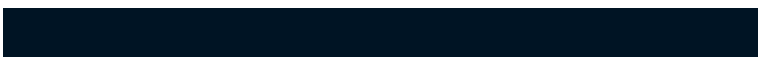
23.1413, 44.5930, -121.8410



33.5765, -2.6734, -0.4013



32.3712, 1.4836, -43.6638



7.9876, -1.2381, -7.3112

Previews

White Background



This preview shows how the HunterLab color 45.1869, 29.9073, 27.5591 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 45.1869, 29.9073, 27.5591 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 45.1869, 29.9073, 27.5591 Background



This preview shows how black text looks on a background with the HunterLab color 45.1869, 29.9073, 27.5591.



This preview shows how white text looks on a background with the HunterLab color 45.1869, 29.9073,

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

45.1869, 29.9073, 27.5591

Protanopia

45.4572, -6.3425, 26.5470

Deuteranopia

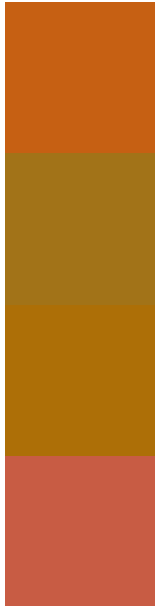
45.2358, 2.5091, 27.9180



Tritanopia

45.1739, 38.5832, 13.9870

Trichromacy



Original Color

45.1869, 29.9073, 27.5591

Protanomaly

44.7312, 6.3027, 26.5281

Deuteranomaly

45.0205, 12.2329, 27.6909

Tritanomaly

45.1121, 34.5745, 21.2155

Monochromacy



Original Color

45.1869, 29.9073, 27.5591

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.3841, 6.4001, 15.0622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1869, 29.9073, 27.5591 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(198, 96, 19)` looks like.

```
.text, #text, p{  
    color:rgb(198, 96, 19)  
}
```

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(198, 96, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 96, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1869, 29.9073, 27.5591 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(198, 96, 19) }
```


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

```
.border{ border-color:rgb(198, 96, 19) }
```

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

Here you see how a box with a 4 pixel rgb(198, 96, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 96, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 96, 19);  
box-shadow:4px 4px 4px 4px rgb(198, 96,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1869, 29.9073, 27.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 96, 19) }
```

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

```
.background{ background-color: rgb(198, 96,  
19) }
```

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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