

Converting Colors

HunterLab(28.8076, 23.4156,
16.7008)

Have a look what the booklet for
HunterLab(28.8076, 23.4156,
16.7008) contains.

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Color

**HunterLab(28.8076, 23.4156,
16.7008)**

Conversions

Conversions Part 1

Format	Color
Hex	893915
RGB	137, 57, 21
RGB Percent	54%, 22%, 8%
CMY	0.4627, 0.7765, 0.9176
CMYK	0.00, 0.58, 0.85, 0.46
HSL	19°, 73%, 31%
HSV	19°, 85%, 54%
XYZ	11.9150, 8.2988, 1.6833
YIQ	76.8160, 59.2360, 5.7640

Conversions

Conversions Part 2

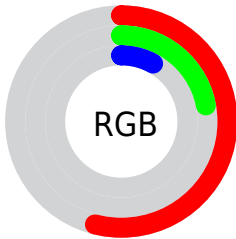
Format	Color
R_{YB}	137, 73, 21
Decimal	8993045
CIE Lab	34.60, 32.14, 37.41
CIE LCh	35, 49.326, 49.333
Yxy	8.2992, 0.5441, 0.3790
Android (android.graphics.Color)	4287183125 (0xFF893915)
YUV	76.8160, -27.5173, 52.7814
Hunter-Lab	28.8076, 23.4156, 16.7008

Details

The HunterLab color **28.8076, 23.4156, 16.7008** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **33.5741, -8.3643, -21.2524**, and the grayscale version is **27.2576, -1.4544, 1.4810**.

A 20% lighter version of the original color is **47.5987, 25.5892, 23.1636**, and **13.5489, 20.7322, 8.7117** is the 20% darker color. If you saturate the color by 10%, you get **27.2254, 27.0682, 16.7934**, and if you desaturate by 10%, it is **30.6390, 19.7312, 16.1927**.

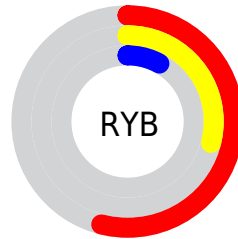
Distribution



Red (54%)

Green (22%)

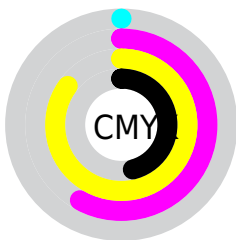
Blue (8%)



Red (54%)

Yellow (29%)

Blue (8%)

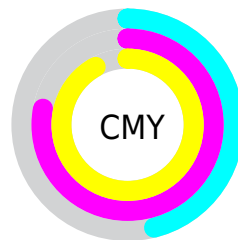


Cyan (0%)

Magenta (58%)

Yellow (85%)

Black (46%)



Cyan (46%)

Magenta (78%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8076, 23.4156, 16.7008 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 28.8076, 23.4156, 16.7008 by changing the saturation by 10% instead.

■ 28.8076, 23.4156,
16.7008

■ 28.8076, 23.4156,
16.7008

133.4394, 30.8408,
41.3108

■ 20.7051, 22.0251,
13.4932

■ 47.4795, 25.7820,
23.0511

■ 13.5476, 20.5101,
9.4833

■ 57.9166, 26.7826,
25.9510

■ 7.1350, 21.1555,
4.9945

■ 69.0231, 27.6761,
28.7187

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.7607, 28.4724,
31.3806

0.0000, NaN, NaN

■ 93.0972, 29.1802,
33.9568


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.0049, 29.8068,


36.4628


0.0000, NaN, NaN


 119.4594, 30.3585,
38.9109


 28.8076, 23.4156,
16.7008


 28.8076, 23.4156,
16.7008

 27.2254, 27.0682,
16.7934

 30.6390, 19.7312,
16.1927

 26.4793, 28.9128,
16.8226

 32.6960, 16.1338,
15.2796

 34.9560, 12.6899,
14.0071

 37.3967, 9.4367,
12.4258

 39.9973, 6.3885,
10.5838

■ 42.7397, 3.5445,
8.5235

■ 45.6080, 0.8953,
6.2803

■ 48.5886, -1.5732,
3.8830

■ 51.6697, -3.8773,
1.3551

Harmonies

Analogous

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



28.8084, 36.9065, 10.1788



28.8076, 23.4156, 16.7008



28.8084, 4.8602, 18.5573

Triad

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



28.8084, 23.4133, 16.7012



28.8084, -27.4212, 6.8175



28.8084, 10.2824, -46.9053

Complementary

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



28.8076, 23.4156, 16.7008



33.5741, -8.3643, -21.2524

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.



28.8084, -7.4236, -49.8487



28.8076, 23.4156, 16.7008



28.8084, -26.6277, -10.9523

Square

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



28.8084, 23.4133, 16.7012



28.8084, -22.6241, 15.4813



28.8084, -20.1206, -34.0890



28.8084, 28.1769, -27.4941

Rectangle

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



28.8076, 23.4156, 16.7008



28.8084, -6.7218, 18.5860



28.8084, -20.1206, -34.0890



28.8084, 4.0389, -50.1578

Sweetspot

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



28.8084, 23.4133, 16.7012



56.8646, 5.0681, 11.6598



26.1113, 43.1260, -11.8168



26.3979, 2.9360, 5.9275



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



28.8084, 23.4133, 16.7012



35.0643, 39.7401, 22.3022



41.6678, -2.4632, 24.6227



22.9901, -0.2368, 2.4219



25.5945, 27.7981, 16.2578



2.5937, 1.0369, 1.6164

Inverse Universe

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



33.5741, -8.3643, -21.2524



41.7427, -8.1318, -34.6204



19.4473, 18.5868, -59.8453



23.3047, -2.1486, 0.0607



30.3985, -6.3083, -24.3775



2.9585, -1.1882, -1.1328

Previews

White Background



This preview shows how the HunterLab color 28.8076, 23.4156, 16.7008 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 28.8076, 23.4156, 16.7008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

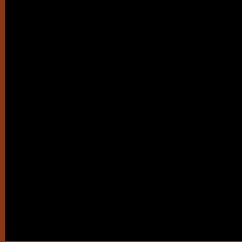
Any Text WCAG AA × Fail

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 28.8076, 23.4156, 16.7008 Background



This preview shows how black text looks on a background with the HunterLab color 28.8076, 23.4156, 16.7008.



This preview shows how white text looks on a background with the HunterLab color 28.8076, 23.4156,

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

28.8076, 23.4156, 16.7008

Protanopia

28.9638, -3.6717, 15.6605

Deuteranopia

29.0065, 1.4727, 17.3125



Tritanopia

28.7139, 27.4125, 10.1805

Trichromacy



Original Color

28.8076, 23.4156, 16.7008

Protanomaly

28.3256, 5.5219, 15.6257

Deuteranomaly

28.5044, 9.4319, 16.8652

Tritanomaly

28.6766, 26.0985, 13.2006

Monochromacy



Original Color

28.8076, 23.4156, 16.7008

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.0710, 5.8657, 8.3058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8076, 23.4156, 16.7008 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(137, 57, 21)` looks like.

```
.text, #text, p{  
    color:rgb(137, 57, 21)  
}
```

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(137, 57, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 57, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8076, 23.4156, 16.7008 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(137, 57, 21) }
```


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

```
.border{ border-color:rgb(137, 57, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 57, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 57, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 57, 21);  
box-shadow:4px 4px 4px 4px rgb(137, 57,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8076, 23.4156, 16.7008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 57, 21) }
```

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

```
.background{ background-color: rgb(137, 57,  
21) }
```

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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