

Converting Colors

HunterLab(29.8322, 38.0748,
-82.3884)

Have a look what the booklet for
HunterLab(29.8322, 38.0748,
-82.3884) contains.

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Color

**HunterLab(29.8322, 38.0748,
-82.3884)**

Conversions

Conversions Part 1

Format	Color
Hex	563AC2
RGB	86, 58, 194
RGB Percent	34%, 23%, 76%
CMY	0.6627, 0.7726, 0.2392
CMYK	0.56, 0.70, 0.00, 0.24
HSL	252°, 54%, 49%
HSV	252°, 70%, 76%
XYZ	15.0884, 8.8996, 51.9615
YIQ	81.8760, -26.9680, 48.2320

Conversions

Conversions Part 2

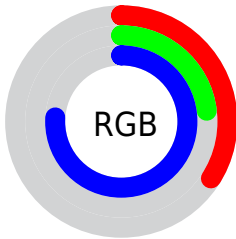
Format	Color
RYB	86, 58, 194
Decimal	5651138
CIELab	35.79, 47.50, -67.00
CIElCh	36, 82.127, 305.335
Yxy	8.8998, 0.1987, 0.1172
Android (android.graphics.Color)	4283841218 (0xFF563AC2)
YUV	81.8760, 55.2771, 3.6167
Hunter-Lab	29.8322, 38.0748, -82.3884

Details

The HunterLab color **29.8322, 38.0748, -82.3884** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **68.5534, -26.8031, 38.3110**, and the grayscale version is **28.8159, -1.5375, 1.5656**.

A 20% lighter version of the original color is **48.7577, 41.3809, -81.2205**, and **14.3201, 34.4237, -91.7056** is the 20% darker color. If you saturate the color by 10%, you get **25.7769, 45.0474, -100.7243**, and if you desaturate by 10%, it is **34.7122, 30.9533, -65.2458**.

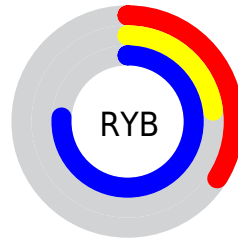
Distribution



Red (34%)

Green (23%)

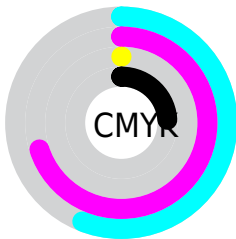
Blue (76%)



Red (34%)

Yellow (23%)

Blue (76%)

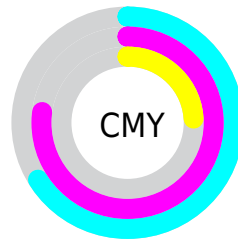


Cyan (56%)

Magenta (70%)

Yellow (0%)

Black (24%)



Cyan (66%)

Magenta (77%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8322, 38.0748, -82.3884 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 29.8322, 38.0748, -82.3884 by changing the saturation by 10% instead.

■ 29.8322, 38.0748,
-82.3884

■ 29.8322, 38.0748,
-82.3884

■ 135.1402, 50.5011,
-85.8257

■ 21.6238, 36.1917,
-85.1959

■ 48.6873, 41.5746,
-80.9995

■ 14.3471, 34.3337,
-91.6132

■ 59.2064, 43.1540,
-81.2362

■ 8.0067, 33.9379,
-109.6345

■ 70.3900, 44.6215,
-81.7600

0.0000, INF, -NF

■ 82.2006, 45.9832,
-82.4531

0.0000, NaN, -NF

■ 94.6066, 47.2456,
-83.2440

0.0000, NaN, -NF

■ 107.5807, 48.4154,

0.0000, NaN, NaN

-84.0877

0.0000, NaN, NaN

121.0989, 49.4987,
-84.9548

■ 29.8322, 38.0748,
-82.3884

■ 29.8322, 38.0748,
-82.3884

■ 25.7769, 45.0474,
-100.7243

■ 34.7122, 30.9533,
-65.2458

■ 22.7713, 50.7681,
-117.9711

■ 40.2202, 24.1688,
-50.0321

■ 20.8450, 54.3830,
-131.3752

■ 46.2118, 17.8447,
-36.6957

■ 52.5851, 11.9520,
-24.9351

■ 59.2685, 6.4175,
-14.4244

■ 66.2107, 1.1658,
-4.8852

■ 73.3744, -3.8680,
3.9031

■ 80.7314, -8.7359,
12.1096

■ 88.2600, -13.4787,
19.8631

Harmonies

Analogous

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



29.8326, 3.7801, -114.5268



29.8322, 38.0748, -82.3884



29.8326, 68.0348, -30.1523

Triad

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



29.8326, 38.0760, -82.3873



29.8326, 25.4805, 20.8828



29.8326, -39.3270, -3.7514

Complementary

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



29.8322, 38.0748, -82.3884



68.5534, -26.8031, 38.3110

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.



29.8326, -37.2774, 16.3771



29.8322, 38.0748, -82.3884



29.8326, -6.6116, 20.8828

Square

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



29.8326, 38.0760, -82.3873



29.8326, 59.0226, 18.9079



29.8326, -27.5144, 20.8828



29.8326, -34.8557, -48.3563

Rectangle

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



29.8322, 38.0748, -82.3884



29.8326, 76.9932, -3.0294



29.8326, -27.5144, 20.8828



29.8326, -39.3498, 5.6305

Sweetspot

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



29.8326, 38.0760, -82.3873



78.6497, 9.5316, -21.0778



56.8849, -20.2700, -18.4998



35.6071, 5.4292, -11.6825

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.8326, 38.0760, -82.3873



32.3860, 64.9974, -148.1929



37.0310, 52.9332, -57.9734



31.3778, 0.3708, -1.9819



16.9869, 44.1657, -105.8832



3.9332, 9.5488, -19.2653

Inverse Universe

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



41.5313, 59.0261, -24.8743



51.8810, 90.0506, -35.2293



64.4443, -43.0349, 35.2741



31.9544, 2.2062, -0.3171



30.1462, 56.7583, -20.3033



6.3392, 12.0555, -5.2017

Previews

White Background



This preview shows how the HunterLab color 29.8322, 38.0748, -82.3884 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 29.8322, 38.0748, -82.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

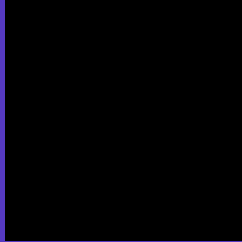
Any Text WCAG AA × Fail

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 29.8322, 38.0748, -82.3884 Background



This preview shows how black text looks on a background with the HunterLab color 29.8322, 38.0748, -82.3884.



This preview shows how white text looks on a background with the HunterLab color 29.8322, 38.0748, -82.3884.

-82.3884.

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

29.8322, 38.0748, -82.3884

Protanopia

29.7071, 9.8604, -58.4170

Deuteranopia

29.6009, 0.0235, -37.0493



Tritanopia

29.7980, -9.1414, -4.3010

Trichromacy



Original Color

29.8322, 38.0748, -82.3884

Protanomaly

28.8289, 18.1800, -69.6277

Deuteranomaly

28.5316, 11.6957, -55.1993

Tritanomaly

28.6439, 5.9810, -27.4306

Monochromacy



Original Color

29.8322, 38.0748, -82.3884

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.3446, 10.3805, -21.5497

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8322, 38.0748, -82.3884 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(86, 58, 194)` looks like.

```
.text, #text, p{  
    color:rgb(86, 58, 194)  
}
```

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(86, 58, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 58, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8322, 38.0748, -82.3884 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(86, 58, 194) }
```


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

```
.border{ border-color:rgb(86, 58, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 58, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 58, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 58, 194);  
box-shadow:4px 4px 4px 4px rgb(86, 58,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8322, 38.0748, -82.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 58, 194) }
```

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

```
.background{ background-color: rgb(86, 58,  
194) }
```

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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