

Converting Colors

HunterLab(31.1180, 33.7304,
-28.9950)

Have a look what the booklet for
HunterLab(31.1180, 33.7304,
-28.9950) contains.

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Color

**HunterLab(31.0968, 33.6833,
-29.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	803B8E
RGB	128, 59, 142
RGB Percent	50%, 23%, 56%
CMY	0.4980, 0.7686, 0.4431
CMYK	0.10, 0.58, 0.00, 0.44
HSL	290°, 41%, 39%
HSV	290°, 58%, 56%
XYZ	15.3485, 9.6701, 26.6487
YIQ	89.0930, 14.4810, 40.4410

Conversions

Conversions Part 2

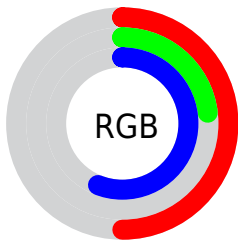
Format	Color
R _Y B	128, 59, 142
Decimal	8403854
CIE Lab	37.24, 42.78, -33.30
CIE LCh	37, 54.213, 322.099
Yxy	9.6705, 0.2971, 0.1872
Android (android.graphics.Color)	4286593934 (0xFF803B8E)
YUV	89.0930, 26.0832, 34.1214
Hunter-Lab	31.0968, 33.6833, -29.0414

Details

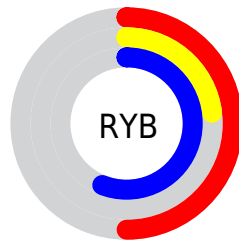
The HunterLab color **31.0968, 33.6833, -29.0414** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **45.9113, -28.9837, 22.4390**, and the grayscale version is **31.5450, -1.6832, 1.7139**.

A 20% lighter version of the original color is **50.2042, 36.8266, -30.0956**, and **15.3524, 30.1210, -28.2363** is the 20% darker color. If you saturate the color by 10%, you get **28.6714, 39.2238, -34.5667**, and if you desaturate by 10%, it is **33.9441, 27.6033, -23.3007**.

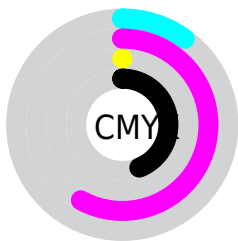
Distribution



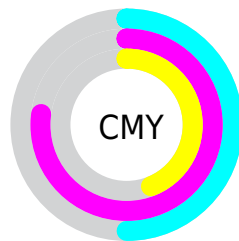
- Red (50%)
- Green (23%)
- Blue (56%)



- Red (50%)
- Yellow (23%)
- Blue (56%)



- Cyan (10%)
- Magenta (58%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (77%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0968, 33.6833, -29.0414 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 31.0968, 33.6833, -29.0414 by changing the saturation by 10% instead.

31.0968, 33.6833,
-29.0414

31.0968, 33.6833,
-29.0414

137.2239, 44.4914,
-33.4163

22.7619, 31.9410,
-28.5554

50.1736, 36.8232,
-30.2462

15.3424, 30.1446,
-28.4024

60.7920, 38.2150,
-30.8389

8.9555, 28.6184,
-29.3341

72.0689, 39.4957,
-31.3932

0.0000, INF, -NF

0.0000, NaN, -NF

83.9679, 40.6731,
-31.9004

0.0000, NaN, NaN

96.4581, 41.7548,
-32.3568

0.0000, NaN, NaN

109.5126, 42.7477,

0.0000, NaN, NaN

-32.7613

0.0000, NaN, NaN

123.1082, 43.6581,
-33.1141

■ 31.0968, 33.6833,
-29.0414

■ 31.0968, 33.6833,
-29.0414

■ 28.6714, 39.2238,
-34.5667

■ 33.9441, 27.6033,
-23.3007

■ 26.7187, 43.8380,
-39.5568

■ 37.1543, 21.2813,
-17.5712

■ 25.2731, 47.1173,
-43.6385

■ 40.6747, 14.9067,
-11.9790

■ 24.2526, 49.0791,
-46.7590

■ 44.4591, 8.5873,
-6.5824

■ 24.0998, 49.3752,
-47.2448

■ 48.4691, 2.3753,
-1.3967

■ 52.6734, -3.7108,
3.5861

■ 57.0465, -9.6709,
8.3848

■ 61.5680, -15.5142,
13.0219

■ 66.2211, -21.2542,
17.5203

Harmonies

Analogous

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



31.0975, 13.6922, -52.5809



31.0968, 33.6833, -29.0414



31.0975, 44.7137, -3.6038

Triad

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



31.0975, 33.6824, -29.0402



31.0975, 3.6471, 20.3665



31.0975, -29.2740, -14.8809

Complementary

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



31.0968, 33.6833, -29.0414



45.9113, -28.9837, 22.4390

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.



31.0975, -30.7054, 6.1955



31.0968, 33.6833, -29.0414



31.0975, -14.5140, 19.9040

Square

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



31.0975, 33.6824, -29.0402



31.0975, 24.8007, 18.7111



31.0975, -26.0060, 16.5736



31.0975, -21.4570, -41.4815

Rectangle

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



31.0968, 33.6833, -29.0414



31.0975, 43.9912, 8.2630



31.0975, -26.0060, 16.5736



31.0975, -30.4252, -6.7232

Sweetspot

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



31.0975, 33.6824, -29.0402



59.0773, 11.3414, -8.6887



27.9460, 9.5370, -36.9072



27.2890, 6.3834, -4.9722



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



31.0975, 33.6824, -29.0402



37.2253, 54.0839, -47.9919



31.8331, 33.1998, -10.4179



23.3787, 1.3724, -0.8594



22.8507, 46.8060, -44.7181



2.4042, 4.8146, -3.8516

Inverse Universe

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



30.5943, 27.6877, 7.1206



36.6243, 44.9466, 12.0608



45.7563, -28.8603, 16.4761



23.3195, 0.8598, 1.4893



22.8569, 39.4103, 12.6993



2.2846, 4.0362, 0.5168

Previews

White Background



This preview shows how the HunterLab color 31.0968, 33.6833, -29.0414 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 31.0968, 33.6833, -29.0414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

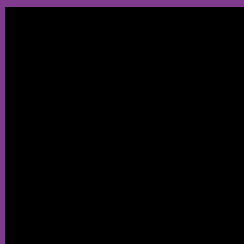
Any Text WCAG AA × Fail

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 31.0968, 33.6833, -29.0414 Background



This preview shows how black text looks on a background with the HunterLab color 31.0968, 33.6833, -29.0414.



This preview shows how white text looks on a background with the HunterLab color 31.0968, 33.6833, -29.0414.

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

31.0968, 33.6833, -29.0414

Protanopia

31.5582, 8.6834, -49.0877

Deuteranopia

31.3725, 2.3078, -25.3554



Tritanopia

31.2346, 12.8619, 4.6950

Trichromacy



Original Color

31.0968, 33.6833, -29.0414

Protanomaly

30.1552, 15.7751, -44.7433

Deuteranomaly

30.3283, 13.1063, -28.8339

Tritanomaly

30.9363, 19.7552, -5.1841

Monochromacy



Original Color

31.0968, 33.6833, -29.0414

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

30.6840, 10.4378, -8.3239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0968, 33.6833, -29.0414 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(128, 59, 142)` looks like.

```
.text, #text, p{  
    color:rgb(128, 59, 142)  
}
```

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(128, 59, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 59, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0968, 33.6833, -29.0414 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(128, 59, 142) }
```


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

```
.border{ border-color:rgb(128, 59, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 59, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 59, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 59, 142);  
box-shadow:4px 4px 4px 4px rgb(128, 59,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.0968, 33.6833, -29.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 59, 142) }
```

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

```
.background{ background-color: rgb(128, 59,  
142) }
```

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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