

Converting Colors

HunterLab(31.8081, 28.9347,
-80.6101)

Have a look what the booklet for
HunterLab(31.8081, 28.9347,
-80.6101) contains.

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Color

**HunterLab(31.8081, 28.9347,
-80.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	4449C7
RGB	68, 73, 199
RGB Percent	27%, 29%, 78%
CMY	0.7333, 0.7137, 0.2196
CMYK	0.66, 0.63, 0.00, 0.22
HSL	238°, 54%, 52%
HSV	238°, 66%, 78%
XYZ	15.0752, 10.1176, 55.1911
YIQ	85.8690, -43.4260, 38.1260

Conversions

Conversions Part 2

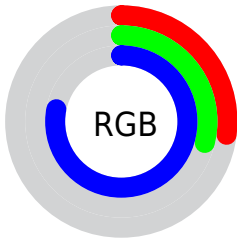
Format	Color
RYB	68, 73, 199
Decimal	4475335
CIELab	38.05, 37.67, -66.27
CIELCh	38, 76.228, 299.614
Yxy	10.1178, 0.1875, 0.1259
Android (android.graphics.Color)	4282665415 (0xFF4449C7)
YUV	85.8690, 55.7736, -15.6711
Hunter-Lab	31.8081, 28.9347, -80.6101

Details

The HunterLab color **31.8081, 28.9347, -80.6101** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **71.5170, -15.6080, 39.2604**, and the grayscale version is **30.2723, -1.6153, 1.6447**.

A 20% lighter version of the original color is **50.8772, 31.0080, -78.3585**, and **17.0069, 27.6854, -81.0219** is the 20% darker color. If you saturate the color by 10%, you get **27.1656, 36.8652, -100.5448**, and if you desaturate by 10%, it is **37.2459, 21.8703, -62.6792**.

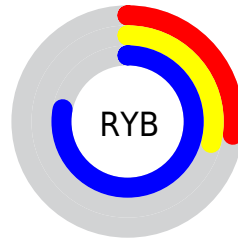
Distribution



Red (27%)

Green (29%)

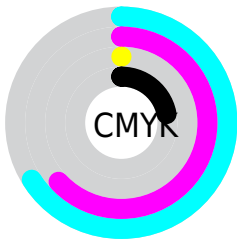
Blue (78%)



Red (27%)

Yellow (29%)

Blue (78%)

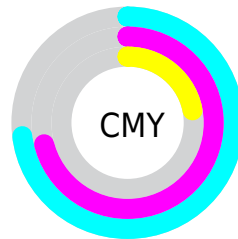


Cyan (66%)

Magenta (63%)

Yellow (0%)

Black (22%)



Cyan (73%)

Magenta (71%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8081, 28.9347, -80.6101 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 31.8081, 28.9347, -80.6101 by changing the saturation by 10% instead.

■ 31.8081, 28.9347,
-80.6101

■ 31.8081, 28.9347,
-80.6101

■ 138.3874, 37.9839,
-84.7593

■ 23.4033, 27.3777,
-82.8142

■ 51.0067, 31.6706,
-79.7158

■ 15.9055, 25.7140,
-87.9167

■ 61.6798, 32.8572,
-80.0572

■ 9.4421, 24.0687,
-100.2796

■ 73.0083, 33.9355,
-80.6426

0.0000, INF, -NF

■ 84.9562, 34.9145,
-81.3708

0.0000, NaN, -NF

■ 97.4930, 35.8022,
-82.1796

0.0000, NaN, -NF

110.5921, 36.6057,

0.0000, NaN, NaN

-83.0298

0.0000, NaN, NaN

124.2304, 37.3311,
-83.8954

■ 31.8081, 28.9347,
-80.6101

■ 31.8081, 28.9347,
-80.6101

■ 27.1656, 36.8652,
-100.5448

■ 37.2459, 21.8703,
-62.6792

■ 23.5771, 44.9436,
-120.5636

■ 43.2786, 15.7639,
-47.0792

■ 21.2961, 51.5108,
-136.4076

■ 49.7680, 10.4850,
-33.5207

■ 20.7079, 53.3319,
-141.0114

■ 56.6193, 5.8612,
-21.5907

■ 63.7666, 1.7407,
-10.9167

■ 71.1632, -1.9958,
-1.2025

■ 78.7748, -5.4387,
7.7773

■ 86.5755, -8.6555,
16.1921

■ 94.5454, -11.6968,
24.1692

Harmonies

Analogous

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



31.8085, -2.0549, -101.1050



31.8081, 28.9347, -80.6101



31.8085, 58.1040, -35.7554

Triad

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



31.8085, 28.9361, -80.6091



31.8085, 29.7728, 22.2659



31.8085, -39.2274, 2.0690

Complementary

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



31.8081, 28.9347, -80.6101



71.5170, -15.6080, 39.2604

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.



31.8085, -35.7092, 18.1282



31.8081, 28.9347, -80.6101



31.8085, -1.3413, 22.2659

Square

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



31.8085, 28.9361, -80.6091



31.8085, 58.6916, 17.9228



31.8085, -23.8702, 22.2659



31.8085, -35.8925, -34.5883

Rectangle

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



31.8081, 28.9347, -80.6101



31.8085, 68.9683, -8.7578



31.8085, -23.8702, 22.2659



31.8085, -38.8319, 9.5417

Sweetspot

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



31.8085, 28.9361, -80.6091



80.1080, 4.6682, -20.5778



67.7510, -33.2745, -2.7055



35.8176, 2.8853, -11.3992

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.8085, 28.9361, -80.6091



33.6952, 53.4893, -144.7721



35.7312, 42.9881, -66.8889



32.1732, -0.3310, -2.1428



16.6929, 42.3920, -112.3769



3.9381, 8.0046, -22.2018

Inverse Universe

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



40.9370, 45.3203, 16.8894



49.1894, 71.3615, 26.1994



68.4431, -35.5593, 36.8133



32.6242, 1.1779, 2.5914



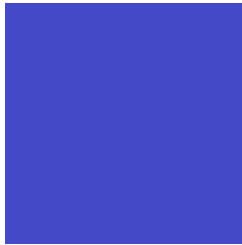
27.9666, 47.9423, 17.6935



6.1047, 10.5033, 3.5661

Previews

White Background



This preview shows how the HunterLab color 31.8081, 28.9347, -80.6101 looks on a white background.

Color Contrast Check

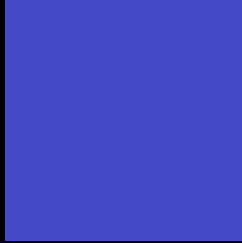
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.8081, 28.9347, -80.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

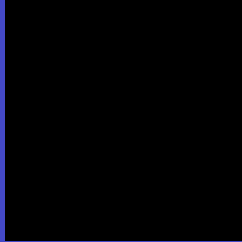
Any Text WCAG AA × Fail

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 31.8081, 28.9347, -80.6101 Background



This preview shows how black text looks on a background with the HunterLab color 31.8081, 28.9347, -80.6101.



This preview shows how white text looks on a background with the HunterLab color 31.8081, 28.9347, -80.6101.

-80.6101.

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

31.8081, 28.9347, -80.6101

Protanopia

31.6749, 10.9047, -63.1309

Deuteranopia

31.7090, -0.1663, -39.2744

Trichromacy



Original Color

31.8081, 28.9347, -80.6101

Protanomaly

31.1807, 16.5369, -70.9644

Deuteranomaly

31.1163, 9.1981, -55.0338

Monochromacy



Original Color

31.8081, 28.9347, -80.6101

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.1321, 6.4940, -20.8272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8081, 28.9347, -80.6101 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(68, 73, 199)` looks like.

```
.text, #text, p{  
    color:rgb(68, 73, 199)  
}
```

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(68, 73, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 73, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8081, 28.9347, -80.6101 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(68, 73, 199) }
```

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

```
.border{ border-color:rgb(68, 73, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 73, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 73, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 73, 199);  
box-shadow:4px 4px 4px 4px rgb(68, 73,  
199) }
```


Background

The CSS property to change the background color of an element to HunterLab 31.8081, 28.9347, -80.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 73, 199) }
```

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

```
.background{ background-color: rgb(68, 73,  
199) }
```

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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