

Converting Colors

HunterLab(31.7486, 30.0162,
-72.2301)

Have a look what the booklet for
HunterLab(31.7486, 30.0162,
-72.2301) contains.

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Color

**HunterLab(31.7916, 29.8454,
-71.8118)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5347BF |
| RGB | 83, 71, 191 |
| RGB Percent | 33%, 28%, 75% |
| CMY | 0.6745, 0.7216, 0.2510 |
| CMYK | 0.57, 0.63, 0.00, 0.25 |
| HSL | 246°, 48%, 51% |
| HSV | 246°, 63%, 75% |
| XYZ | 15.2245, 10.1071, 50.4386 |
| YIQ | 88.2680, -31.3680, 39.8640 |

Conversions

Conversions Part 2

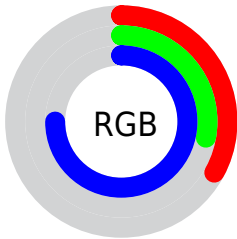
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 83, 71, 191 |
| Decimal | 5457855 |
| CIE Lab | 38.03, 38.64, -61.59 |
| CIE LCh | 38, 72.705, 302.103 |
| Yxy | 10.1073, 0.2009, 0.1334 |
| Android (android.graphics.Color) | 4283647935 (0xFF5347BF) |
| YUV | 88.2680, 50.6469, -4.6200 |
| Hunter-Lab | 31.7916, 29.8454, -71.8118 |

Details

The HunterLab color **31.7916, 29.8454, -71.8118** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **68.7749, -20.8019, 36.8755**, and the grayscale version is **31.1661, -1.6629, 1.6933**.

A 20% lighter version of the original color is **50.9520, 32.8017, -71.3691**, and **15.8630, 26.4020, -76.8217** is the 20% darker color. If you saturate the color by 10%, you get **27.1303, 37.1451, -90.3503**, and if you desaturate by 10%, it is **37.1635, 23.0800, -55.3330**.

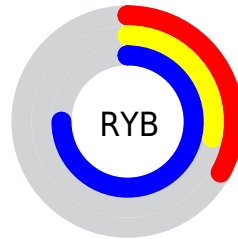
Distribution



Red (33%)

Green (28%)

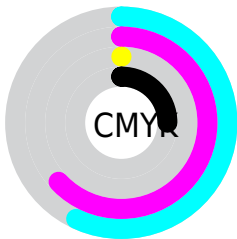
Blue (75%)



Red (33%)

Yellow (28%)

Blue (75%)

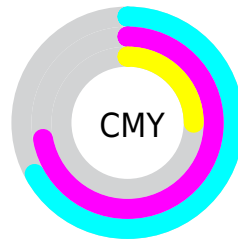


Cyan (57%)

Magenta (63%)

Yellow (0%)

Black (25%)



Cyan (67%)

Magenta (72%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7916, 29.8454, -71.8118 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 31.7916, 29.8454, -71.8118 by changing the saturation by 10% instead.

■ 31.7916, 29.8454,
-71.8118

■ 31.7916, 29.8454,
-71.8118

■ 138.3606, 39.2228,
-76.7677

■ 23.3884, 28.2525,
-73.3388

■ 50.9874, 32.6574,
-71.5545

■ 15.8924, 26.5603,
-77.2053

■ 61.6593, 33.8822,
-72.0385

■ 9.4311, 24.9076,
-86.9674

■ 72.9866, 34.9982,
-72.7033

0.0000, INF, -NF

■ 84.9334, 36.0141,
-73.4676

0.0000, NaN, -NF

■ 97.4691, 36.9379,
-74.2822

0.0000, NaN, -NF

110.5672, 37.7766,

0.0000, NaN, NaN

-75.1159

0.0000, NaN, NaN

124.2045, 38.5364,
-75.9488

■ 31.7916, 29.8454,
-71.8118

■ 31.7916, 29.8454,
-71.8118

■ 27.1303, 37.1451,
-90.3503

■ 37.1635, 23.0800,
-55.3330

■ 23.4136, 44.3439,
-109.6138

■ 43.0699, 16.9729,
-41.0165

■ 20.8945, 50.0202,
-126.1149

■ 49.3902, 11.4561,
-28.5356

■ 19.7513, 52.8690,
-134.8651

■ 56.0413, 6.4152,
-17.5031

■ 62.9650, 1.7422,
-7.5843

■ 70.1199, -2.6505,
1.4835

■ 77.4751, -6.8306,
9.8993

■ 85.0074, -10.8496,
17.8126

■ 92.6984, -14.7466,
25.3360

Harmonies

Analogous

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



31.7920, 0.1772, -93.4722



31.7916, 29.8454, -71.8118



31.7920, 56.3933, -29.9597

Triad

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



31.7920, 29.8464, -71.8107



31.7920, 25.5555, 22.0823



31.7920, -38.0670, -0.0840

Complementary

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



31.7916, 29.8454, -71.8118



68.7749, -20.8019, 36.8755

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.



31.7920, -35.1569, 17.0027



31.7916, 29.8454, -71.8118



31.7920, -3.5308, 22.2544

Square

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



31.7920, 29.8464, -71.8107



31.7920, 53.4024, 18.1402



31.7920, -24.3355, 21.7343



31.7920, -34.1693, -35.8615

Rectangle

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



31.7916, 29.8454, -71.8118



31.7920, 65.4003, -5.6042



31.7920, -24.3355, 21.7343



31.7920, -37.8555, 7.6496

Sweetspot

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



31.7920, 29.8464, -71.8107



78.2282, 6.3304, -18.5931



61.1077, -24.7900, -10.6039



35.4137, 3.8324, -10.5662



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



31.7920, 29.8464, -71.8107



34.4781, 53.0346, -129.6347



37.5603, 43.5024, -53.9003



30.4464, 0.0859, -2.0202



16.0643, 42.8987, -108.9057



3.4145, 8.6833, -19.7767

Inverse Universe

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



43.4021, 55.1406, -30.5468



53.7689, 86.1969, -46.9307



64.5280, -37.1954, 33.6333



31.1117, 2.2841, -0.7048



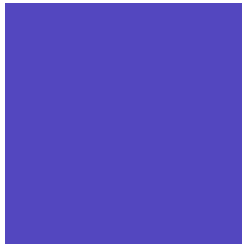
30.3986, 58.5110, -30.3755



6.0563, 11.7197, -6.5371

Previews

White Background



This preview shows how the HunterLab color 31.7916, 29.8454, -71.8118 looks on a white background.

Color Contrast Check

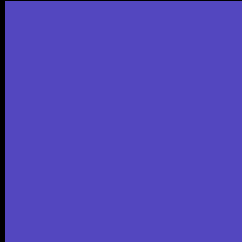
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7916, 29.8454, -71.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

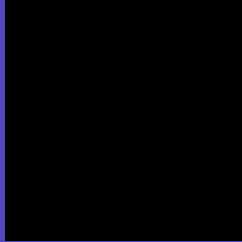
Any Text WCAG AA × Fail

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 31.7916, 29.8454, -71.8118 Background



This preview shows how black text looks on a background with the HunterLab color 31.7916, 29.8454, -71.8118.



This preview shows how white text looks on a background with the HunterLab color 31.7916, 29.8454, -71.8118.

-71.8118.

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

31.7916, 29.8454, -71.8118

Protanopia

31.6749, 10.9047, -63.1309

Deuteranopia

31.8165, 0.4167, -40.6674



Tritanopia

31.6912, -10.4170, -5.1566

Trichromacy



Original Color

31.7916, 29.8454, -71.8118

Protanomaly

31.0864, 15.8517, -68.1085

Deuteranomaly

30.8528, 9.4255, -53.9065

Tritanomaly

31.0131, 2.3554, -25.3788

Monochromacy



Original Color

31.7916, 29.8454, -71.8118

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.8118, 7.2368, -18.2218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7916, 29.8454, -71.8118 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(83, 71, 191)` looks like.

```
.text, #text, p{  
    color:rgb(83, 71, 191)  
}
```

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(83, 71, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 71, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7916, 29.8454, -71.8118 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(83, 71, 191) }
```


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

```
.border{ border-color:rgb(83, 71, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 71, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 71, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 71, 191);  
box-shadow:4px 4px 4px 4px rgb(83, 71,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7916, 29.8454, -71.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 71, 191) }
```

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

```
.background{ background-color: rgb(83, 71,  
191) }
```

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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