

Converting Colors

HunterLab(31.0807, 39.8317,
-79.3734)

Have a look what the booklet for
HunterLab(31.0807, 39.8317,
-79.3734) contains.

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Color

**HunterLab(31.0722, 40.1668,
-79.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	613BC4
RGB	97, 59, 196
RGB Percent	38%, 23%, 77%
CMY	0.6196, 0.7686, 0.2314
CMYK	0.51, 0.70, 0.00, 0.23
HSL	257°, 54%, 50%
HSV	257°, 70%, 77%
XYZ	16.4575, 9.6548, 53.2206
YIQ	85.9800, -21.3290, 50.6630

Conversions

Conversions Part 2

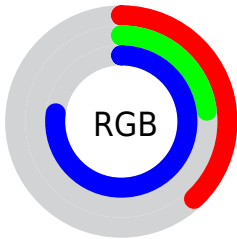
Format	Color
R_{YB}	97, 59, 196
Decimal	6372292
CIE _{Lab}	37.22, 49.31, -65.79
CIE _{LCh}	37, 82.218, 306.849
Yxy	9.6551, 0.2075, 0.1217
Android (android.graphics.Color)	4284562372 (0xFF613BC4)
YUV	85.9800, 54.2399, 9.6645
Hunter-Lab	31.0722, 40.1668, -79.8017

Details

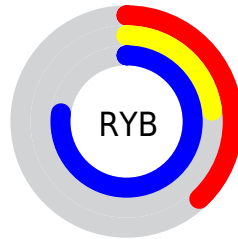
The HunterLab color **31.0722, 40.1668, -79.8017** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **68.6035, -29.9544, 38.1728**, and the grayscale version is **30.3122, -1.6174, 1.6469**.

A 20% lighter version of the original color is **50.0616, 43.8763, -79.4351**, and **15.3332, 36.2532, -87.3572** is the 20% darker color. If you saturate the color by 10%, you get **27.0088, 46.9508, -97.1794**, and if you desaturate by 10%, it is **35.9309, 33.0387, -63.4576**.

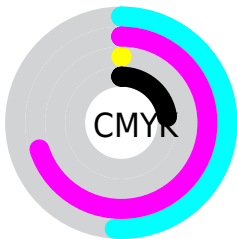
Distribution



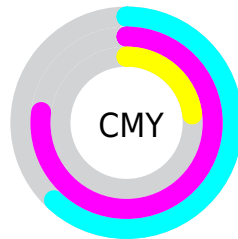
- Red (38%)
- Green (23%)
- Blue (77%)



- Red (38%)
- Yellow (23%)
- Blue (77%)



- Cyan (51%)
- Magenta (70%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (77%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0722, 40.1668, -79.8017 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 31.0722, 40.1668, -79.8017 by changing the saturation by 10% instead.

■ 31.0722, 40.1668,
-79.8017

■ 31.0722, 40.1668,
-79.8017

■ 137.1832, 53.0164,
-83.8613

■ 22.7396, 38.2461,
-82.0932

■ 50.1445, 43.7523,
-78.8501

■ 15.3227, 36.3516,
-87.4234

■ 60.7609, 45.3783,
-79.1816

■ 8.9380, 34.9731,
-100.7288

■ 72.0360, 46.8937,
-79.7612

0.0000, INF, -NF

0.0000, NaN, -NF

■ 83.9333, 48.3038,
-80.4854

0.0000, NaN, -NF

■ 96.4219, 49.6151,
-81.2910

0.0000, NaN, -NF

■ 109.4749, 50.8338,

0.0000, NaN, NaN

-82.1381

0.0000, NaN, NaN

123.0689, 51.9657,
-83.0007

■ 31.0722, 40.1668,
-79.8017

■ 31.0722, 40.1668,
-79.8017

■ 27.0088, 46.9508,
-97.1794

■ 35.9309, 33.0387,
-63.4576

■ 23.9422, 52.3528,
-113.6586

■ 41.4044, 26.0776,
-48.8147

■ 21.8826, 55.6364,
-127.0426

■ 47.3570, 19.4554,
-35.8625

■ 21.8635, 55.6705,
-127.1777

■ 53.6909, 13.1841,
-24.3560

■ 60.3361, 7.2188,
-14.0140

■ 67.2420, 1.5021,
-4.5881

■ 74.3713, -4.0198,
4.1225

■ 81.6956, -9.3921,
12.2743

■ 89.1931, -14.6512,
19.9882

Harmonies

Analogous

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



31.0726, 5.3936, -113.6117



31.0722, 40.1668, -79.8017



31.0726, 69.5287, -27.8563

Triad

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



31.0726, 40.1678, -79.8005



31.0726, 23.9159, 21.7508



31.0726, -40.2889, -5.4510

Complementary

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



31.0722, 40.1668, -79.8017



68.6035, -29.9544, 38.1728

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.



31.0726, -38.4913, 16.3004



31.0722, 40.1668, -79.8017



31.0726, -8.1349, 21.7508

Square

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



31.0726, 40.1678, -79.8005



31.0726, 57.9585, 19.7650



31.0726, -28.8716, 21.7508



31.0726, -35.2550, -51.1404

Rectangle

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



31.0722, 40.1668, -79.8017



31.0726, 77.6169, -1.4213



31.0726, -28.8716, 21.7508



31.0726, -40.4208, 4.5120

Sweetspot

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



31.0726, 40.1678, -79.8005



79.9055, 10.8431, -20.7719



54.6557, -16.4624, -23.2625



35.7966, 6.0476, -11.3765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.0726, 40.1678, -79.8005



33.9322, 67.4801, -143.2184



38.7421, 55.8845, -55.0723



31.4328, 0.5582, -1.9075



17.6322, 44.7191, -101.1896



4.1230, 9.7443, -18.1387

Inverse Universe

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



41.6320, 57.9158, -19.3979



51.7673, 88.5101, -26.0788



64.8214, -45.0338, 35.3697



31.9348, 2.1011, -0.0386



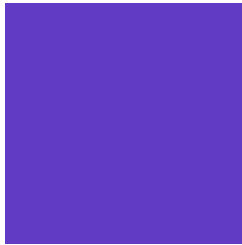
29.6710, 55.0688, -13.8216



6.2576, 11.7671, -4.1022

Previews

White Background



This preview shows how the HunterLab color 31.0722, 40.1668, -79.8017 looks on a white background.

Color Contrast Check

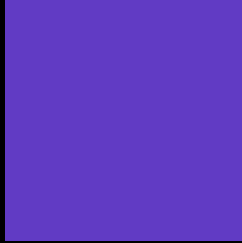
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0722, 40.1668, -79.8017 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 31.0722, 40.1668, -79.8017 Background



This preview shows how black text looks on a background with the HunterLab color 31.0722, 40.1668, -79.8017.



This preview shows how white text looks on a background with the HunterLab color 31.0722, 40.1668, -79.8017.

-79.8017.

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

31.0722, 40.1668, -79.8017

Protanopia

30.9112, 10.6170, -61.5552

Deuteranopia

31.0571, 0.1874, -39.2232



Tritanopia

31.0032, -6.0245, -3.5760

Trichromacy



Original Color

31.0722, 40.1668, -79.8017

Protanomaly

29.8199, 19.4439, -72.5442

Deuteranomaly

29.6881, 12.0822, -56.4579

Tritanomaly

29.9591, 9.0804, -26.0160

Monochromacy



Original Color

31.0722, 40.1668, -79.8017

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.7471, 11.3495, -20.8131

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0722, 40.1668, -79.8017 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(97, 59, 196)` looks like.

```
.text, #text, p{  
    color:rgb(97, 59, 196)  
}
```

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(97, 59, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 59, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0722, 40.1668, -79.8017 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(97, 59, 196) }
```


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

```
.border{ border-color:rgb(97, 59, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 59, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 59, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 59, 196);  
box-shadow:4px 4px 4px 4px rgb(97, 59,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.0722, 40.1668, -79.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 59, 196) }
```

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

```
.background{ background-color: rgb(97, 59,  
196) }
```

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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