

Converting Colors

HunterLab(31.7918, 1.2759,
-40.0366)

Have a look what the booklet for
HunterLab(31.7918, 1.2759,
-40.0366) contains.

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Color

**HunterLab(31.7095, 1.3379,
-40.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	135B9D
RGB	19, 91, 157
RGB Percent	7%, 36%, 62%
CMY	0.9254, 0.6431, 0.3843
CMYK	0.88, 0.42, 0.00, 0.38
HSL	209°, 78%, 35%
HSV	209°, 88%, 62%
XYZ	10.0954, 10.0549, 33.3070
YIQ	76.9960, -64.0980, 5.2620

Conversions

Conversions Part 2

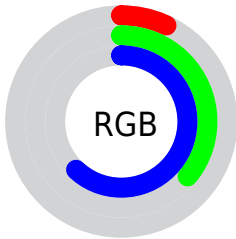
Format	Color
RYB	19, 66, 157
Decimal	1268637
CIELab	37.94, 4.29, -41.76
CIELCh	38, 41.976, 275.864
Yxy	10.0552, 0.1889, 0.1881
Android (android.graphics.Color)	4279458717 (0xFF135B9D)
YUV	76.9960, 39.4420, -50.8625
Hunter-Lab	31.7095, 1.3379, -40.0803

Details

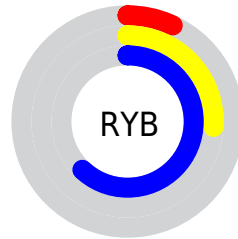
The HunterLab color **31.7095, 1.3379, -40.0803** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **37.0335, 18.4427, 22.1552**, and the grayscale version is **27.1220, -1.4472, 1.4736**.

A 20% lighter version of the original color is **50.9675, 0.5515, -41.0427**, and **17.2450, 6.3264, -35.2117** is the 20% darker color. If you saturate the color by 10%, you get **29.5257, 4.3020, -45.7859**, and if you desaturate by 10%, it is **34.0850, -1.0741, -34.5024**.

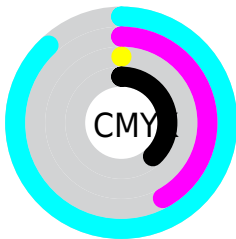
Distribution



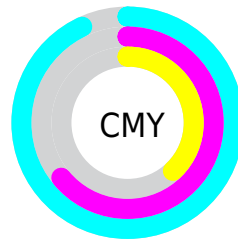
- Red (7%)
- Green (36%)
- Blue (62%)



- Red (7%)
- Yellow (26%)
- Blue (62%)



- Cyan (88%)
- Magenta (42%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7095, 1.3379, -40.0803 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 31.7095, 1.3379, -40.0803 by changing the saturation by 10% instead.

■ 31.7095, 1.3379,
-40.0803

■ 31.7095, 1.3379,
-40.0803

■ 138.2265, -2.4860,
-45.5214

■ 23.3144, 1.5030,
-39.8535

■ 50.8914, 0.8144,
-41.2406

■ 15.8273, 1.5860,
-40.3291

■ 61.5569, 0.4701,
-41.9240

■ 9.3763, 1.5663,
-42.7076

■ 72.8783, 0.0779,
-42.6076

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.8195, -0.3581,
-43.2692

0.0000, NaN, -NF

■ 97.3498, -0.8349,
-43.8966

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4428, -1.3499,

-44.4831

0.0000, NaN, NaN

124.0752, -1.9009,
-45.0252

■ 31.7095, 1.3379,
-40.0803

■ 31.7095, 1.3379,
-40.0803

■ 29.5257, 4.3020,
-45.7859

■ 34.0850, -1.0741,
-34.5024

■ 29.0767, 4.9551,
-47.0401

■ 36.6541, -2.8920,
-29.0621

■ 39.4022, -4.1501,
-23.7920

■ 42.3133, -4.8994,
-18.7091

■ 45.3718, -5.1955,
-13.8167

■ 48.5635, -5.0927,
-9.1087

■ 51.8756, -4.6408,
-4.5734

■ 55.2968, -3.8844,
-0.1963

■ 58.8175, -2.8618,
4.0382

Harmonies

Analogous

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



31.7100, -12.7503, -35.4179



31.7095, 1.3379, -40.0803



31.7100, 17.2465, -29.9550

Triad

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



31.7100, 1.3386, -40.0795



31.7100, 25.5434, 14.0496



31.7100, -24.1440, 11.0970

Complementary

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



31.7095, 1.3379, -40.0803



37.0335, 18.4427, 22.1552

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.



31.7100, -17.0226, 16.9745



31.7095, 1.3379, -40.0803



31.7100, 11.1221, 18.0328

Square

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



31.7100, 1.3386, -40.0795



31.7100, 32.8090, 4.4294



31.7100, -4.6161, 18.7721



31.7100, -25.7852, -1.2385

Rectangle

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



31.7095, 1.3379, -40.0803



31.7100, 26.2076, -18.1002



31.7100, -4.6161, 18.7721



31.7100, -22.3870, 13.6734

Sweetspot

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



31.7100, 1.3386, -40.0795



65.5952, -6.7578, -11.3345



49.8835, -37.5460, 20.2551



30.1195, -3.2256, -6.2416



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



31.7100, 1.3386, -40.0795



38.4126, 7.5790, -64.3731



17.9179, 35.1260, -93.8960



26.4179, -1.9294, -0.3781



26.3462, 4.1986, -41.9941



4.5675, -1.1536, -3.2188

Inverse Universe

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



28.9651, 48.0739, -1.5702



37.2650, 66.6336, 2.2500



54.5913, -12.7582, 32.7456



25.8864, 1.3836, 0.6183



25.1455, 45.0552, 0.8000



3.4869, 6.4731, -1.6353

Previews

White Background



This preview shows how the HunterLab color 31.7095, 1.3379, -40.0803 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 31.7095, 1.3379, -40.0803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

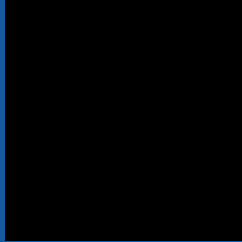
Any Text WCAG AA × Fail

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 31.7095, 1.3379, -40.0803 Background



This preview shows how black text looks on a background with the HunterLab color 31.7095, 1.3379, -40.0803.



This preview shows how white text looks on a background with the HunterLab color 31.7095, 1.3379, -40.0803.

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

31.7095, 1.3379, -40.0803

Protanopia

31.7442, 6.4220, -36.6150

Deuteranopia

31.6352, 2.4659, -40.2464



Tritanopia

31.5663, -15.2993, -6.4283

Trichromacy



Original Color

31.7095, 1.3379, -40.0803

Protanomaly

31.4172, 4.1348, -38.2631

Deuteranomaly

31.5489, 2.1766, -40.4682

Tritanomaly

31.4509, -9.7929, -17.3675

Monochromacy



Original Color

31.7095, 1.3379, -40.0803

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.1353, -3.2422, -11.4546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7095, 1.3379, -40.0803 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(19, 91, 157)` looks like.

```
.text, #text, p{  
    color:rgb(19, 91, 157)  
}
```

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(19, 91, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 91, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7095, 1.3379, -40.0803 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(19, 91, 157) }
```


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

```
.border{ border-color:rgb(19, 91, 157) }
```

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

Here you see how a box with a 4 pixel rgb(19, 91, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 91, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 91, 157);  
box-shadow:4px 4px 4px 4px rgb(19, 91,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7095, 1.3379, -40.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 91, 157) }
```

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

```
.background{ background-color: rgb(19, 91,  
157) }
```

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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