

Converting Colors

HunterLab(31.5567, 38.8870,
-51.7602)

Have a look what the booklet for
HunterLab(31.5567, 38.8870,
-51.7602) contains.

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Color

**HunterLab(31.6122, 38.7157,
-51.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	793AAA
RGB	121, 58, 170
RGB Percent	47%, 23%, 67%
CMY	0.5255, 0.7725, 0.3333
CMYK	0.29, 0.66, 0.00, 0.33
HSL	274°, 49%, 45%
HSV	274°, 66%, 67%
XYZ	16.6539, 9.9933, 39.0813
YIQ	89.6050, 1.5960, 48.1880

Conversions

Conversions Part 2

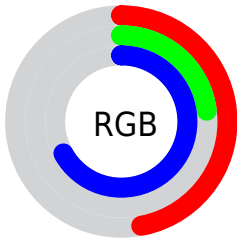
Format	Color
R_{YB}	121, 58, 170
Decimal	7944874
CIE _{Lab}	37.83, 47.76, -49.32
CIE _{LCh}	38, 68.657, 314.078
Yxy	9.9937, 0.2534, 0.1520
Android (android.graphics.Color)	4286134954 (0xFF793AAA)
YUV	89.6050, 39.6347, 27.5334
Hunter-Lab	31.6122, 38.7157, -51.1700

Details

The HunterLab color **31.6122, 38.7157, -51.1700** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **56.7281, -32.5606, 30.2016**, and the grayscale version is **31.6884, -1.6908, 1.7217**.

A 20% lighter version of the original color is **50.7695, 42.3932, -52.0009**, and **15.7405, 35.1154, -53.0782** is the 20% darker color. If you saturate the color by 10%, you get **28.3489, 44.4076, -61.2923**, and if you desaturate by 10%, it is **35.4373, 32.3806, -41.2252**.

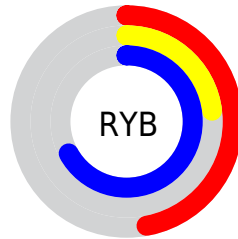
Distribution



Red (47%)

Green (23%)

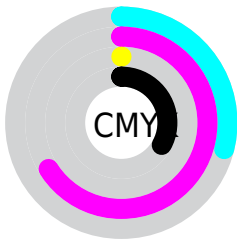
Blue (67%)



Red (47%)

Yellow (23%)

Blue (67%)

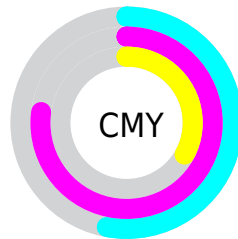


Cyan (29%)

Magenta (66%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (77%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6122, 38.7157, -51.1700 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 31.6122, 38.7157, -51.1700 by changing the saturation by 10% instead.

31.6122, 38.7157,
-51.1700

31.6122, 38.7157,
-51.1700

138.0677, 51.0396,
-56.9471

23.2266, 36.8359,
-51.4250

50.7776, 42.1867,
-52.0107

15.7502, 34.9522,
-52.8940

61.4357, 43.7521,
-52.6898

9.3110, 33.3772,
-57.5314

72.7500, 45.2067,
-53.4232

0.0000, INF, -NF

0.0000, NaN, -NF

84.6845, 46.5567,
-54.1704

0.0000, NaN, -NF

97.2085, 47.8088,
-54.9080

0.0000, NaN, NaN

0.0000, NaN, NaN

110.2954, 48.9694,

-55.6217

0.0000, NaN, NaN

123.9220, 50.0445,
-56.3031

■ 31.6122, 38.7157,
-51.1700

■ 31.6122, 38.7157,
-51.1700

■ 28.3489, 44.4076,
-61.2923

■ 35.4373, 32.3806,
-41.2252

■ 25.7442, 48.8387,
-70.8671

■ 39.7251, 25.8144,
-31.8302

■ 23.8527, 51.3780,
-78.9334

■ 44.3933, 19.2418,
-23.1000

■ 23.1709, 52.2061,
-82.1206

■ 49.3761, 12.7659,
-15.0173

■ 54.6223, 6.4220,
-7.5097

■ 60.0926, 0.2119,
-0.4899

■ 65.7562, -5.8774,
6.1252

■ 71.5892, -11.8641,
12.4087

■ 77.5727, -17.7668,
18.4217

Harmonies

Analogous

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



31.6128, 10.7457, -81.2684



31.6122, 38.7157, -51.1700



31.6128, 58.3579, -13.3956

Triad

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



31.6128, 38.7155, -51.1687



31.6128, 12.4613, 22.1289



31.6128, -35.8825, -11.3967

Complementary

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



31.6122, 38.7157, -51.1700



56.7281, -32.5606, 30.2016

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.



31.6128, -35.6802, 11.7945



31.6122, 38.7157, -51.1700



31.6128, -12.4556, 22.1289

Square

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



31.6128, 38.7155, -51.1687



31.6128, 40.2999, 19.7947



31.6128, -28.4583, 20.0293



31.6128, -29.1359, -48.7777

Rectangle

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



31.6122, 38.7157, -51.1700



31.6128, 61.1962, 4.7750



31.6128, -28.4583, 20.0293



31.6128, -36.5405, -1.6723

Sweetspot

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



31.6128, 38.7155, -51.1687



70.3690, 12.4569, -14.5590



38.2254, 0.3755, -35.4266



32.3226, 6.9865, -8.1866



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



31.6128, 38.7155, -51.1687



36.4717, 62.8015, -88.5994



37.7719, 51.2287, -31.2566



27.3876, 1.0855, -1.3293



19.9571, 44.8745, -70.0285



3.5550, 7.5491, -9.0292

Inverse Universe

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



35.5442, 41.9753, -0.5655



43.5234, 66.0244, 2.3298



54.7857, -40.3761, 27.8667



27.5586, 1.4019, 0.9202



25.8163, 45.6763, 5.3250



4.1534, 7.5838, -0.9663

Previews

White Background



This preview shows how the HunterLab color 31.6122, 38.7157, -51.1700 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 31.6122, 38.7157, -51.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

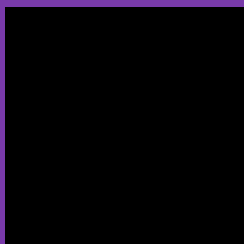
Any Text WCAG AA × Fail

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 31.6122, 38.7157, -51.1700 Background



This preview shows how black text looks on a background with the HunterLab color 31.6122, 38.7157, -51.1700.



This preview shows how white text looks on a background with the HunterLab color 31.6122, 38.7157, -51.1700.

-51.1700.

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

31.6122, 38.7157, -51.1700

Protanopia

31.7403, 11.2368, -63.9297

Deuteranopia

31.7102, 1.7782, -43.4736



Tritanopia

31.6758, 6.3283, 1.9388

Trichromacy



Original Color

31.6122, 38.7157, -51.1700

Protanomaly

29.8642, 17.4243, -64.9134

Deuteranomaly

29.6779, 11.4304, -51.6786

Tritanomaly

31.0649, 16.8922, -13.2744

Monochromacy



Original Color

31.6122, 38.7157, -51.1700

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

30.8989, 11.9051, -14.2409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6122, 38.7157, -51.1700 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(121, 58, 170)` looks like.

```
.text, #text, p{  
    color:rgb(121, 58, 170)  
}
```

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(121, 58, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 58, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6122, 38.7157, -51.1700 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(121, 58, 170) }
```


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

```
.border{ border-color:rgb(121, 58, 170) }
```

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

Here you see how a box with a 4 pixel rgb(121, 58, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 58, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 58, 170);  
box-shadow:4px 4px 4px 4px rgb(121, 58,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6122, 38.7157, -51.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 58, 170) }
```

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

```
.background{ background-color: rgb(121, 58,  
170) }
```

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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