

Converting Colors

HunterLab(31.2085, 15.2614,
-18.9735)

Have a look what the booklet for
HunterLab(31.2085, 15.2614,
-18.9735) contains.

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Color

**HunterLab(31.3198, 15.0580,
-19.0972)**

Conversions

Conversions Part 1

Format	Color
Hex	684D80
RGB	104, 77, 128
RGB Percent	41%, 30%, 50%
CMY	0.5922, 0.6980, 0.4980
CMYK	0.19, 0.40, 0.00, 0.50
HSL	272°, 25%, 40%
HSV	272°, 40%, 50%
XYZ	12.2591, 9.8093, 21.6693
YIQ	90.8870, -0.2790, 21.5850

Conversions

Conversions Part 2

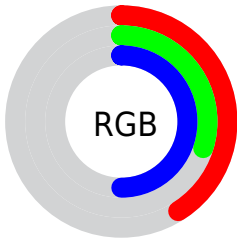
Format	Color
R_{YB}	104, 77, 128
Decimal	6835584
CIE _{Lab}	37.50, 22.03, -24.53
CIE _{LCh}	37, 32.970, 311.926
Yxy	9.8097, 0.2803, 0.2243
Android (android.graphics.Color)	4285025664 (0xFF684D80)
YUV	90.8870, 18.2967, 11.5001
Hunter-Lab	31.3198, 15.0580, -19.0972

Details

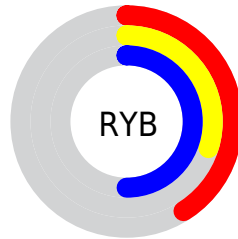
The HunterLab color $[31.3198, 15.0580, -19.0972]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[43.2909, -16.2777, 16.7742]$, and the grayscale version is $[32.2379, -1.7201, 1.7515]$.

A 20% lighter version of the original color is $[50.3248, 16.6083, -20.2033]$, and $[15.5234, 13.1182, -18.4575]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.0064, 19.6684, -25.6324]$, and if you desaturate by 10%, it is $[34.8627, 10.5141, -13.0651]$.

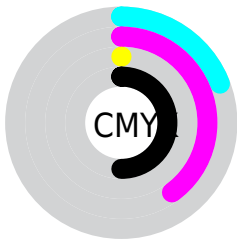
Distribution



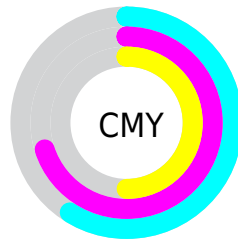
- Red (41%)
- Green (30%)
- Blue (50%)



- Red (41%)
- Yellow (30%)
- Blue (50%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (50%)



- Cyan (59%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3198, 15.0580, -19.0972 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 31.3198, 15.0580, -19.0972 by changing the saturation by 10% instead.

31.3198, 15.0580,
-19.0972

31.3198, 15.0580,
-19.0972

137.5894, 18.4918,
-21.6355

22.9629, 14.1824,
-18.5717

50.4351, 16.4264,
-20.0582

15.5187, 13.1540,
-18.1085

61.0707, 16.9522,
-20.4572

9.1113, 11.9907,
-17.9949

72.3638, 17.3884,
-20.7959

0.0000, INF, -NF

0.0000, NaN, -NF

84.2782, 17.7439,
-21.0748

0.0000, NaN, NaN

96.7831, 18.0264,
-21.2958

0.0000, NaN, NaN

109.8517, 18.2419,

0.0000, NaN, NaN

-21.4612

0.0000, NaN, NaN

123.4607, 18.3955,
-21.5737

■ 31.3198, 15.0580,
-19.0972

■ 31.3198, 15.0580,
-19.0972

■ 28.0064, 19.6684,
-25.6324

■ 34.8627, 10.5141,
-13.0651

■ 24.9688, 24.2682,
-32.6832

■ 38.5958, 6.0663,
-7.4833

■ 22.2682, 28.6868,
-40.1513

■ 42.4909, 1.7160,
-2.2836

■ 19.9750, 32.6170,
-47.7378

■ 46.5255, -2.5456,
2.5992

■ 18.1594, 35.6063,
-54.8646

■ 50.6824, -6.7318,
7.2218

■ 16.6938, 37.8568,
-61.5824

■ 54.9475, -10.8560,
11.6322

■ 16.6705, 37.8974,
-61.6976

■ 59.3099, -14.9310,
15.8698

■ 63.7604, -18.9676,
19.9665

■ 68.2916, -22.9755,
23.9484

Harmonies

Analogous

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



31.3204, 3.1777, -27.7922



31.3198, 15.0580, -19.0972



31.3204, 23.0731, -5.7951

Triad

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



31.3204, 15.0574, -19.0963



31.3204, 5.7164, 16.1060



31.3204, -20.9989, -3.1148

Complementary

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



31.3198, 15.0580, -19.0972



43.2909, -16.2777, 16.7742

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.



31.3204, -20.5287, 7.7130



31.3198, 15.0580, -19.0972



31.3204, -6.2451, 16.3644

Square

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



31.3204, 15.0574, -19.0963



31.3204, 17.1523, 13.0074



31.3204, -15.4934, 13.9264



31.3204, -16.8904, -16.5175

Rectangle

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



31.3198, 15.0580, -19.0972



31.3204, 24.5164, 2.4249



31.3204, -15.4934, 13.9264



31.3204, -21.3521, 0.9673

Sweetspot

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



31.3204, 15.0574, -19.0963



55.1049, 3.6705, -4.6674



35.4552, -3.2726, -12.3610



26.4016, 2.0648, -2.6003



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.3204, 15.0574, -19.0963



37.4743, 25.6451, -33.3477



33.8134, 22.1053, -14.0743



20.7725, 0.6770, -0.9265



16.6025, 37.7401, -61.4244

0.0000, NaN, NaN

Inverse Universe

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



32.9194, 17.7895, -1.5788



40.2639, 29.8679, -2.5656



41.9097, -21.5941, 15.2890



20.9173, 0.9890, 0.6412



22.0834, 39.2957, 2.8182

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.3198, 15.0580, -19.0972 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 31.3198, 15.0580, -19.0972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

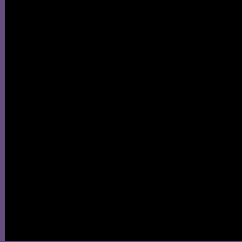
Any Text WCAG AA × Fail

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 31.3198, 15.0580, -19.0972 Background



This preview shows how black text looks on a background with the HunterLab color 31.3198, 15.0580, -19.0972.



This preview shows how white text looks on a background with the HunterLab color 31.3198, 15.0580,

-19.0972.

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

31.3198, 15.0580, -19.0972

Protanopia

31.5175, 4.0317, -24.3258

Deuteranopia

31.5304, 1.8849, -17.6549



Tritanopia

31.3831, 2.9460, 0.6910

Trichromacy



Original Color

31.3198, 15.0580, -19.0972

Protanomaly

31.1753, 7.8200, -22.8552

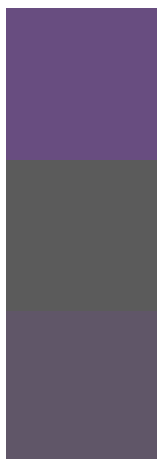
Deuteranomaly

31.3117, 6.4726, -18.6123

Tritanomaly

31.2144, 6.9719, -5.5202

Monochromacy



Original Color

31.3198, 15.0580, -19.0972

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.8463, 3.9648, -4.6899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3198, 15.0580, -19.0972 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(104, 77, 128)` looks like.

```
.text, #text, p{  
    color:rgb(104, 77, 128)  
}
```

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(104, 77, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 77, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3198, 15.0580, -19.0972 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(104, 77, 128) }
```


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

```
.border{ border-color:rgb(104, 77, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 77, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 77, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 77, 128);  
box-shadow:4px 4px 4px 4px rgb(104, 77,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3198, 15.0580, -19.0972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 77, 128) }
```

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

```
.background{ background-color: rgb(104, 77,  
128) }
```

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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