

Converting Colors

HunterLab(51.6853, 31.2279,
-27.6150)

Have a look what the booklet for
HunterLab(51.6853, 31.2279,
-27.6150) contains.

HunterLab(51.6195, 31.6110, -27.6239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.6195, 31.6110,
-27.6239)**

Conversions

Conversions Part 1

Format	Color
Hex	B476C4
RGB	180, 118, 196
RGB Percent	71%, 46%, 77%
CMY	0.2941, 0.5372, 0.2314
CMYK	0.08, 0.40, 0.00, 0.23
HSL	288°, 40%, 62%
HSV	288°, 40%, 77%
XYZ	35.2647, 26.6457, 55.5091
YIQ	145.4300, 11.9140, 37.4020

Conversions

Conversions Part 2

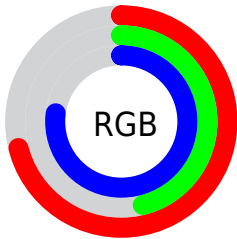
Format	Color
R _{YB}	180, 118, 196
Decimal	11826884
CIE Lab	58.65, 37.54, -31.07
CIE LCh	59, 48.728, 320.383
Yxy	26.6469, 0.3003, 0.2269
Android (android.graphics.Color)	4290016964 (0xFFB476C4)
YUV	145.4300, 24.9310, 30.3179
Hunter-Lab	51.6195, 31.6110, -27.6239

Details

The HunterLab color $51.6195, 31.6110, -27.6239$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $67.7177, -31.9355, 26.1607$, and the grayscale version is $53.2852, -2.8432, 2.8951$.

A 20% lighter version of the original color is $73.6357, 34.0793, -28.8536$, and $32.4390, 28.8188, -26.2808$ is the 20% darker color. If you saturate the color by 10%, you get $46.9304, 40.6099, -36.3497$, and if you desaturate by 10%, it is $56.7822, 22.5023, -19.1486$.

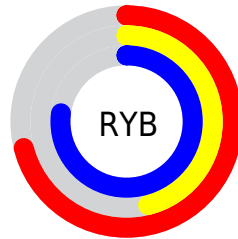
Distribution



Red (71%)

Green (46%)

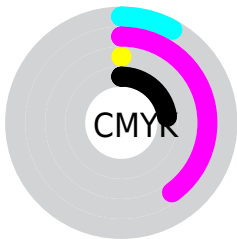
Blue (77%)



Red (71%)

Yellow (46%)

Blue (77%)

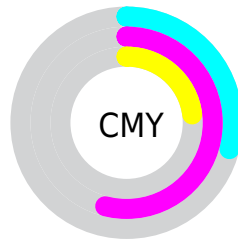


Cyan (8%)

Magenta (40%)

Yellow (0%)

Black (23%)



Cyan (29%)

Magenta (54%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6195, 31.6110, -27.6239 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 51.6195, 31.6110, -27.6239 by changing the saturation by 10% instead.

■ 51.6195, 31.6110,
-27.6239

■ 51.6195, 31.6110,
-27.6239

169.0986, 38.9411,
-30.7083

■ 41.6031, 30.3178,
-27.0403

■ 73.6999, 33.8513,
-28.6697

■ 32.3334, 28.9004,
-26.4503

■ 85.6835, 34.8197,
-29.1177

■ 23.8774, 27.3543,
-25.9150

■ 98.2543, 35.6973,
-29.5121

■ 16.3227, 25.6991,
-25.5912

111.3860, 36.4912,
-29.8529

■ 9.7934, 24.0458,
-25.9485

125.0557, 37.2075,
-30.1414

0.0000, INF, -NF

0.0000, NaN, -NF

139.2428, 37.8515,

-30.3790

0.0000, NaN, NaN

153.9293, 38.4280,
-30.5674

0.0000, NaN, NaN

■ 51.6195, 31.6110,
-27.6239

■ 51.6195, 31.6110,
-27.6239

■ 46.9304, 40.6099,
-36.3497

■ 56.7822, 22.5023,
-19.1486

■ 42.7966, 49.1917,
-45.1197

■ 62.3421, 13.4619,
-11.0176

■ 39.3100, 56.8709,
-53.5510

■ 68.2402, 4.5709,
-3.2460

■ 36.5521, 63.0166,
-61.0860

■ 74.4278, -4.1419,
4.1866

■ 34.5677, 67.0069,
-67.1021

■ 80.8661, -12.6766,
11.3166

■ 33.2418, 68.8491,
-71.4595

■ 87.5236, -21.0478,
18.1851

■ 33.2162, 68.8823,
-71.5465

■ 94.3061, -29.1781,
24.7665

■ 94.6188, -28.0125,
25.0881

■ 94.9383, -26.8259,
25.4158

Harmonies

Analogous

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



51.6206, 11.8457, -46.7544



51.6195, 31.6110, -27.6239



51.6206, 42.6239, -3.9221

Triad

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



51.6206, 31.6096, -27.6224



51.6206, 4.0599, 27.9318



51.6206, -35.0117, -12.1887

Complementary

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



51.6195, 31.6110, -27.6239



67.7177, -31.9355, 26.1607

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.



51.6206, -36.4222, 8.7418



51.6195, 31.6110, -27.6239



51.6206, -15.8978, 27.1885

Square

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



51.6206, 31.6096, -27.6224



51.6206, 25.1446, 24.2906



51.6206, -29.9720, 21.5879



51.6206, -25.7583, -35.6793

Rectangle

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



51.6195, 31.6110, -27.6239



51.6206, 42.5019, 9.1769



51.6206, -29.9720, 21.5879



51.6206, -36.3553, -4.4882

Sweetspot

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



51.6206, 31.6096, -27.6224



89.9086, 8.9959, -6.8301



50.1382, 5.1291, -30.7731



41.1034, 4.8938, -3.7963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6206, 31.6096, -27.6224



63.7895, 53.4146, -47.6925



52.6743, 32.7782, -11.9858



31.8431, 1.9475, -1.3560



26.6957, 55.3098, -57.1097



5.7870, 11.8224, -11.0815

Inverse Universe

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



51.3955, 26.5700, 6.1149



63.5486, 45.2981, 9.8946



67.2521, -32.8817, 18.9562



31.7977, 1.3649, 1.9135



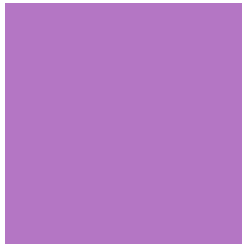
27.6592, 47.7632, 14.8027



5.8371, 10.2515, 1.7929

Previews

White Background



This preview shows how the HunterLab color 51.6195, 31.6110, -27.6239 looks on a white background.

Color Contrast Check

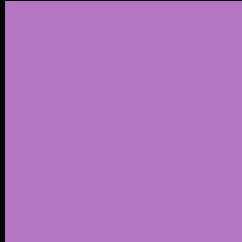
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.6195, 31.6110, -27.6239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

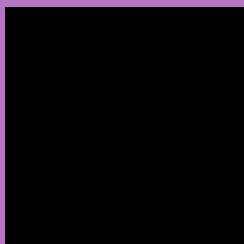
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.6195, 31.6110, -27.6239 Background



This preview shows how black text looks on a background with the HunterLab color 51.6195, 31.6110, -27.6239.



This preview shows how white text looks on a background with the HunterLab color 51.6195, 31.6110, -27.6239.

-27.6239.

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

51.6195, 31.6110, -27.6239

Protanopia

51.9445, 6.8454, -39.7248

Deuteranopia

51.6785, 4.0352, -25.2996



Tritanopia

51.6037, 12.5297, 3.5108

Trichromacy



Original Color

51.6195, 31.6110, -27.6239

Protanomaly

51.2119, 15.0363, -36.5233

Deuteranomaly

51.1799, 13.6570, -26.6709

Tritanomaly

51.5497, 18.8111, -6.1574

Monochromacy



Original Color

51.6195, 31.6110, -27.6239

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

52.2278, 9.3059, -7.5257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6195, 31.6110, -27.6239 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(180, 118, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 118, 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(180, 118, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 118, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6195, 31.6110, -27.6239 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(180, 118, 196) }
```


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

```
.border{ border-color:rgb(180, 118, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 118, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 118, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 118, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 118,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6195, 31.6110, -27.6239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 118, 196) }
```

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

```
.background{ background-color: rgb(180,  
118, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor