

Converting Colors

HunterLab(31.0518, 11.9346,
-6.5074)

Have a look what the booklet for
HunterLab(31.0518, 11.9346,
-6.5074) contains.

HunterLab(31.2099, 11.9133, -6.4639)	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(31.2099, 11.9133,
-6.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4E6A
RGB	109, 78, 106
RGB Percent	43%, 31%, 42%
CMY	0.5725, 0.6941, 0.5843
CMYK	0.00, 0.28, 0.03, 0.57
HSL	306°, 17%, 37%
HSV	306°, 28%, 43%
XYZ	11.6326, 9.7406, 14.9027
YIQ	90.4610, 9.4880, 15.2800

Conversions

Conversions Part 2

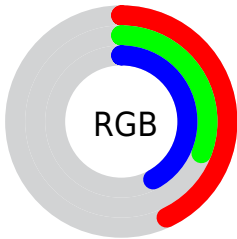
Format	Color
RYB	109, 78, 106
Decimal	7163498
CIELab	37.37, 18.19, -11.05
CIELCh	37, 21.282, 328.729
Yxy	9.7410, 0.3207, 0.2685
Android (android.graphics.Color)	4285353578 (0xFF6D4E6A)
YUV	90.4610, 7.6607, 16.2587
Hunter-Lab	31.2099, 11.9133, -6.4639

Details

The HunterLab color **31.2099, 11.9133, -6.4639** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36.2648, -13.7690, 9.3771**, and the grayscale version is **32.1161, -1.7136, 1.7449**.

A 20% lighter version of the original color is **50.1898, 13.0769, -6.5263**, and **15.4777, 10.4848, -6.1293** is the 20% darker color. If you saturate the color by 10%, you get **28.8037, 16.9375, -9.4343**, and if you desaturate by 10%, it is **33.8268, 6.9109, -3.4426**.

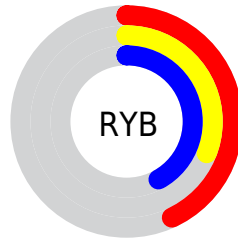
Distribution



Red (43%)

Green (31%)

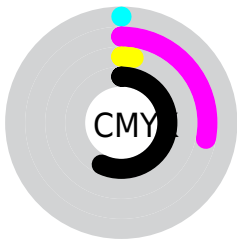
Blue (42%)



Red (43%)

Yellow (31%)

Blue (42%)

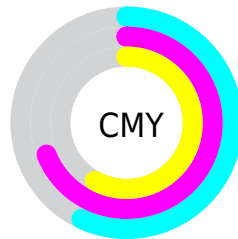


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (57%)



Cyan (57%)











Magenta (69%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2099, 11.9133, -6.4639 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 31.2099, 11.9133, -6.4639 by changing the saturation by 10% instead.

 31.2099, 11.9133, -6.4639	 31.2099, 11.9133, -6.4639
137.4094, 13.8583, -4.9524	 22.8639, 11.2387, -6.3105
 50.3063, 12.9028, -6.5340	 15.4318, 10.4164, -6.0698
 60.9334, 13.2514, -6.4670	 9.0349, 9.4646, -5.7662
 72.2185, 13.5176, -6.3400	0.0000, INF, -NF
 84.1254, 13.7098, -6.1580	0.0000, NaN, NaN
 96.6230, 13.8348, -5.9249	0.0000, NaN, NaN
109.6847, 13.8982,	0.0000, NaN, NaN

-5.6444

0.0000, NaN, NaN

123.2871, 13.9047,
-5.3194

■ 31.2099, 11.9133,
-6.4639

■ 31.2099, 11.9133,
-6.4639

■ 28.8037, 16.9375,
-9.4343

■ 33.8268, 6.9109,
-3.4426

■ 26.6393, 21.8878,
-12.2857

■ 36.6236, 1.9877,
-0.4158

■ 24.7531, 26.6068,
-14.9136

■ 39.5766, -2.8319,
2.5927

■ 23.1806, 30.8764,
-17.1815

■ 42.6657, -7.5412,
5.5710

■ 21.9508, 34.4369,
-18.9357

■ 45.8741, -12.1434,
8.5147

■ 21.0779, 37.0444,
-20.0425

■ 49.1880, -16.6470,
11.4240

■ 20.4492, 38.9249,
-20.6641

■ 52.5962, -21.0629,
14.3011

■ 20.3510, 39.2267,
-20.7637

■ 56.0891, -25.4022,
17.1497

■ 59.6587, -29.6758,
19.9735

Harmonies

Analogous

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



31.2106, 5.7152, -13.2131



31.2099, 11.9133, -6.4639



31.2106, 14.4248, 1.3873

Triad

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



31.2106, 11.9123, -6.4632



31.2106, -1.3405, 12.6921



31.2106, -13.5359, -5.7950

Complementary

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



31.2099, 11.9133, -6.4639



36.2648, -13.7690, 9.3771

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.



31.2106, -15.0415, 2.0073



31.2099, 11.9133, -6.4639



31.2106, -8.4210, 11.6391

Square

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



31.2106, 11.9123, -6.4632



31.2106, 6.3330, 11.4408



31.2106, -13.2602, 8.1188



31.2106, -8.9344, -12.7665

Rectangle

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



31.2099, 11.9133, -6.4639



31.2106, 13.5045, 5.8624



31.2106, -13.2602, 8.1188



31.2106, -14.4001, -3.1313

Sweetspot

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



31.2106, 11.9123, -6.4632



48.6959, 3.1893, -0.8843



28.7826, 4.4711, -11.9895



23.2828, 1.8942, -0.6466



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



31.2106, 11.9123, -6.4632



39.6349, 20.3174, -11.2472



30.7479, 9.5625, 0.0646



17.7739, 1.0887, -0.2770



22.0050, 42.4080, -22.3985



49.6010, 95.4792, -49.6218

Inverse Universe

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



31.2106, 11.9123, -6.4632



39.6349, 20.3174, -11.2472



36.6106, -11.7722, 4.3983



17.7739, 1.0887, -0.2770



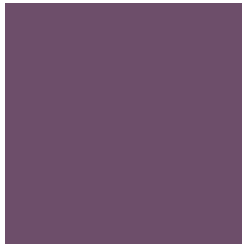
22.0050, 42.4080, -22.3985



49.6010, 95.4792, -49.6218

Previews

White Background



This preview shows how the HunterLab color 31.2099, 11.9133, -6.4639 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 31.2099, 11.9133, -6.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

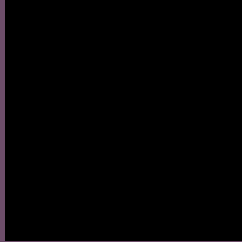
Any Text WCAG AA × Fail

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 31.2099, 11.9133, -6.4639 Background



This preview shows how black text looks on a background with the HunterLab color 31.2099, 11.9133, -6.4639.



This preview shows how white text looks on a background with the HunterLab color 31.2099, 11.9133, -6.4639.

-6.4639.

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

31.2099, 11.9133, -6.4639

Protanopia

31.2731, 1.2796, -9.7696

Deuteranopia

31.2712, 2.0500, -5.5262



Tritanopia

31.1693, 7.1158, 1.7689

Trichromacy



Original Color

31.2099, 11.9133, -6.4639

Protanomaly

31.2118, 4.8480, -8.7053

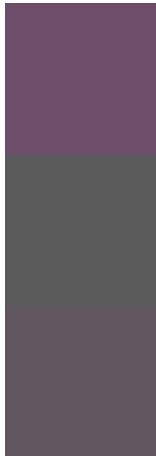
Deuteranomaly

31.1340, 5.5255, -6.1696

Tritanomaly

31.2277, 8.9061, -1.1572

Monochromacy



Original Color

31.2099, 11.9133, -6.4639

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.6883, 2.9532, -1.1276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2099, 11.9133, -6.4639 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(109, 78, 106)` looks like.

```
.text, #text, p{  
    color:rgb(109, 78, 106)  
}
```

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(109, 78, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 78, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2099, 11.9133, -6.4639 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(109, 78, 106) }
```


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

```
.border{ border-color:rgb(109, 78, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 78, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 78, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 78, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 78,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2099, 11.9133, -6.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 78, 106) }
```

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

```
.background{ background-color: rgb(109, 78,  
106) }
```

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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