

Converting Colors

HunterLab(31.2452, 58.8934,
-21.5542)

Have a look what the booklet for
HunterLab(31.2452, 58.8934,
-21.5542) contains.

HunterLab(31.3057, 59.0212, -21.7027)	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(31.3057, 59.0212,
-21.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	A60085
RGB	166, 0, 133
RGB Percent	65%, 0%, 52%
CMY	0.3490, 0.9999, 0.4784
CMYK	0.00, 1.00, 0.20, 0.35
HSL	312°, 100%, 33%
HSV	312°, 100%, 65%
XYZ	19.9596, 9.8005, 23.0300
YIQ	64.7960, 56.2430, 76.5550

Conversions

Conversions Part 2

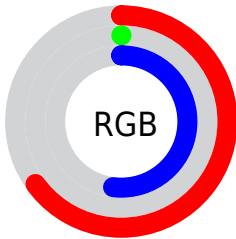
Format	Color
R_{YB}	166, 0, 133
Decimal	10879109
CIE _{Lab}	37.48, 66.67, -26.95
CIE _{LCh}	37, 71.909, 337.988
Yxy	9.8010, 0.3781, 0.1857
Android (android.graphics.Color)	4289069189 (0xFFA60085)
YUV	64.7960, 33.6246, 88.7559
Hunter-Lab	31.3057, 59.0212, -21.7027

Details

The HunterLab color **31.3057, 59.0212, -21.7027** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **52.3285, -44.1211, 29.8401**, and the grayscale version is **22.7970, -1.2164, 1.2386**.

A 20% lighter version of the original color is **50.4357, 63.4143, -22.4213**, and **19.6869, 36.8867, -11.8694** is the 20% darker color. If you saturate the color by 10%, you get **31.3056, 59.0207, -21.7002**, and if you desaturate by 10%, it is **32.0663, 57.3647, -22.5118**.

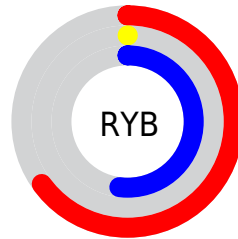
Distribution



Red (65%)

Green (0%)

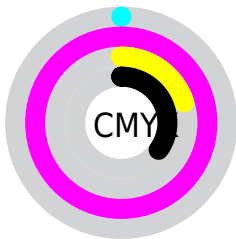
Blue (52%)



Red (65%)

Yellow (0%)

Blue (52%)

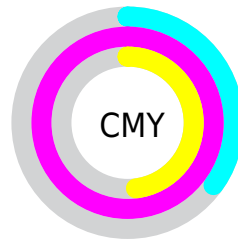


Cyan (0%)

Magenta (100%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (100%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3057, 59.0212, -21.7027 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 31.3057, 59.0212, -21.7027 by changing the saturation by 10% instead.

31.3057, 59.0212,
-21.7027

31.3057, 59.0212,
-21.7027

137.5666, 76.5565,
-24.8150

22.9504, 56.8552,
-21.1623

50.4187, 63.4868,
-22.7598

15.5077, 55.0672,
-20.7424

61.0533, 65.6353,
-23.2216

9.1016, 54.6373,
-20.8226

72.3454, 67.6933,
-23.6271

0.0000, INF, -NF

0.0000, NaN, NaN

84.2589, 69.6547,
-23.9749

0.0000, NaN, NaN

96.7628, 71.5190,
-24.2658

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8305, 73.2883,

-24.5014

123.4387, 74.9662,
-24.6837

■ 31.3057, 59.0212,
-21.7027

■ 31.3057, 59.0212,
-21.7027

■ 31.3056, 59.0207,
-21.7002

■ 32.0663, 57.3647,
-22.5118

■ 33.2999, 54.1877,
-22.4338

■ 35.1471, 49.2552,
-21.2514

■ 37.5959, 42.9472,
-19.0979

■ 40.5991, 35.7283,
-16.1894

■ 44.0935, 28.0109,
-12.7483

■ 48.0133, 20.0969,
-8.9589

■ 52.2978, 12.1780,
-4.9562

■ 56.8941, 4.3609,
-0.8307

Harmonies

Analogous

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



31.3065, 35.1694, -63.1556



31.3057, 59.0212, -21.7027



31.3065, 64.3192, 7.5882

Triad

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



31.3065, 59.0187, -21.7013



31.3065, -8.2840, 21.9146



31.3065, -32.0042, -43.6002

Complementary

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



31.3057, 59.0212, -21.7027



52.3285, -44.1211, 29.8401

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.



31.3065, -37.2544, -5.6040



31.3057, 59.0212, -21.7027



31.3065, -26.7668, 20.8617

Square

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



31.3065, 59.0187, -21.7013



31.3065, 19.2197, 21.9146



31.3065, -35.7111, 14.7504



31.3065, -18.2080, -81.4597

Rectangle

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



31.3057, 59.0212, -21.7027



31.3065, 55.4179, 16.7631



31.3065, -35.7111, 14.7504



31.3065, -34.5831, -29.5950

Sweetspot

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



31.3065, 59.0187, -21.7013



64.3675, 27.6840, -12.3695



17.4256, 45.6343, -111.2133



29.4115, 15.1475, -6.8482



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



31.3065, 59.0187, -21.7013



42.1379, 79.3827, -28.7421



28.9149, 50.3892, 11.8960



27.6418, 1.8480, -0.2620



27.5796, 52.0162, -19.2730



4.3749, 8.3710, -3.9852

Inverse Universe

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



31.3065, 59.0187, -21.7013



42.1379, 79.3827, -28.7421



53.3620, -37.7143, 14.7180



27.6418, 1.8480, -0.2620



27.5796, 52.0162, -19.2730



4.3749, 8.3710, -3.9852

Previews

White Background



This preview shows how the HunterLab color 31.3057, 59.0212, -21.7027 looks on a white background.

Color Contrast Check

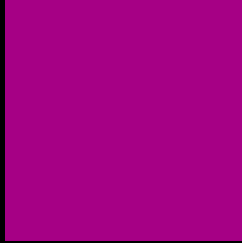
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3057, 59.0212, -21.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

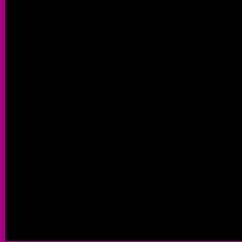
Any Text WCAG AA × Fail

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 31.3057, 59.0212, -21.7027 Background



This preview shows how black text looks on a background with the HunterLab color 31.3057, 59.0212, -21.7027.



This preview shows how white text looks on a background with the HunterLab color 31.3057, 59.0212, -21.7027.

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

31.3057, 59.0212, -21.7027

Protanopia

32.5074, 11.5272, -65.5153

Deuteranopia

32.4013, 2.0575, -15.5015



Tritanopia

31.9459, 35.8135, 13.6037

Trichromacy



Original Color

31.3057, 59.0212, -21.7027

Protanomaly

25.6496, 26.4635, -68.2395

Deuteranomaly

28.0433, 26.7647, -25.4282

Tritanomaly

30.6490, 45.4042, 3.8496

Monochromacy



Original Color

31.3057, 59.0212, -21.7027

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.6911, 24.1503, -10.8695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3057, 59.0212, -21.7027 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(166, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 133)  
}
```

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(166, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3057, 59.0212, -21.7027 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(166, 0, 133) }
```


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

```
.border{ border-color:rgb(166, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(166, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 0,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3057, 59.0212, -21.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 133) }
```

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

```
.background{ background-color: rgb(166, 0,  
133) }
```

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