

# Converting Colors

HunterLab(60.3523, 18.1986,  
-33.1776)

Have a look what the booklet for  
HunterLab(60.3523, 18.1986,  
-33.1776) contains.

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# Color

**HunterLab(60.3282, 18.1260,  
-33.2221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC97E2
RGB	172, 151, 226
RGB Percent	67%, 59%, 89%
CMY	0.3255, 0.4078, 0.1137
CMYK	0.24, 0.33, 0.00, 0.11
HSL	257°, 56%, 74%
HSV	257°, 33%, 89%
XYZ	41.8074, 36.3949, 76.7730
YIQ	165.8290, -11.5590, 27.7770

# Conversions

## Conversions Part 2

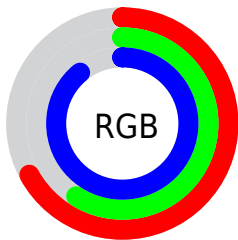
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">172, 151, 226</a>
Decimal	<a href="#">11311074</a>
CIELab	<a href="#">66.82, 23.27, -35.22</a>
CIELCh	<a href="#">67, 42.209, 303.455</a>
Yxy	<a href="#">36.3964, 0.2698, 0.2348</a>
Android (android.graphics.Color)	<a href="#">4289501154 (0xFFAC97E2)</a>
YUV	<a href="#">165.8290, 29.6643, 5.4120</a>
Hunter-Lab	<a href="#">60.3282, 18.1260, -33.2221</a>

# Details

The HunterLab color  $60.3282, 18.1260, -33.2221$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $83.4309, -21.9986, 30.2171$ , and the grayscale version is  $61.5677, -3.2851, 3.3451$ .

A 20% lighter version of the original color is  $82.0833, 12.6579, -17.5357$ , and  $39.8349, 16.7009, -31.7655$  is the 20% darker color. If you saturate the color by 10%, you get  $52.9867, 25.7115, -47.4114$ , and if you desaturate by 10%, it is  $68.0709, 10.9245, -20.5344$ .

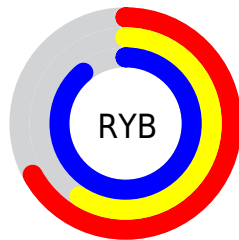
# Distribution



Red (67%)

Green (59%)

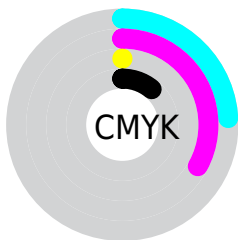
Blue (89%)



Red (67%)

Yellow (59%)

Blue (89%)

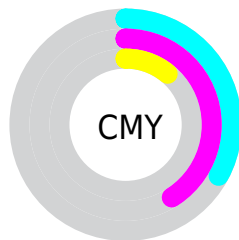


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (41%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3282, 18.1260, -33.2221 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 60.3282, 18.1260, -33.2221 by changing the saturation by 10% instead.



60.3282, 18.1260,  
-33.2221

60.3282, 18.1260,  
-33.2221

181.8488, 20.1114,  
-36.8377

49.7398, 17.5363,  
-32.5981

83.4526, 19.0346,  
-34.3628

39.8545, 16.8433,  
-31.9692

95.9184, 19.3723,  
-34.8651

30.7278, 16.0317,  
-31.3836

108.9496, 19.6409,  
-35.3175

22.4289, 15.0840,  
-30.9518

122.5227, 19.8459,  
-35.7194

15.0506, 13.9815,  
-30.9494

136.6168, 19.9918,  
-36.0713

8.6902, 12.9010,  
-32.4108

151.2135, 20.0825,

0.0000, INF, -NF

-36.3741

0.0000, NaN, -NF

166.2958, 20.1213,  
-36.6291

0.0000, NaN, NaN

■ 60.3282, 18.1260,  
-33.2221

■ 60.3282, 18.1260,  
-33.2221

■ 52.9867, 25.7115,  
-47.4114

■ 68.0709, 10.9245,  
-20.5344

■ 46.1380, 33.7201,  
-63.4424

■ 76.1431, 4.0432,  
-9.0370

■ 39.9167, 42.0821,  
-81.5406

■ 84.4959, -2.5856,  
1.5325

■ 34.5062, 50.4625,  
-101.4852

■ 93.0920, -9.0196,  
11.3788

■ 30.1388, 58.0098,  
-121.9598

■ 98.9757, -10.6641,  
17.6997

■ 27.0458, 63.2632,  
-139.9610

■ 99.1318, -10.1134,  
17.8734

■ 25.6067, 65.2954,  
-149.6768

# Harmonies

## Analogous

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



60.3294, -1.0187, -42.3614



60.3282, 18.1260, -33.2221



60.3294, 32.8123, -14.2790

# Triad

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



60.3294, 18.1251, -33.2206



60.3294, 13.8751, 26.7300



60.3294, -35.3530, 1.1653

# Complementary

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



60.3282, 18.1260, -33.2221



83.4309, -21.9986, 30.2171

# 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.



60.3294, -32.3863, 16.7691



60.3282, 18.1260, -33.2221



60.3294, -5.3946, 28.5864

# Square

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



60.3294, 18.1251, -33.2206



60.3294, 30.1543, 19.3892



60.3294, -21.9605, 25.5764



60.3294, -30.6228, -19.0263



# Rectangle

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



60.3282, 18.1260, -33.2221



60.3294, 37.2492, -0.7868



60.3294, -21.9605, 25.5764



60.3294, -35.2202, 7.0893

# Sweetspot

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



60.3294, 18.1251, -33.2206



90.2654, 2.2387, -6.4820



74.9761, -15.5926, -10.9719



41.1390, 1.5375, -3.8079

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



60.3294, 18.1251, -33.2206



63.1617, 26.8959, -49.4176



64.1156, 29.6399, -26.5102



36.6444, 0.7099, -2.3045



19.4736, 49.4351, -112.1124



5.5413, 13.4080, -26.7936



# Inverse Universe

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



65.3538, 31.6216, -11.5754



70.3972, 45.2182, -16.6960



80.6275, -32.5323, 27.5817



37.2381, 2.5306, -0.0718



32.7847, 60.7934, -14.8507

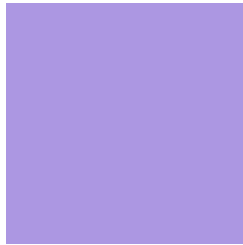


8.7180, 16.3139, -5.0952



# Previews

## White Background



This preview shows how the HunterLab color 60.3282, 18.1260, -33.2221 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

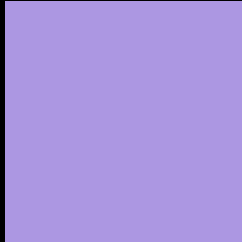
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 60.3282, 18.1260, -33.2221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

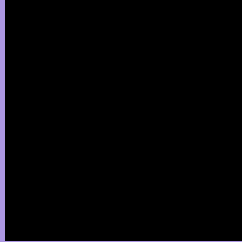
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

## HunterLab 60.3282, 18.1260, -33.2221 Background



This preview shows how black text looks on a background with the HunterLab color 60.3282, 18.1260, -33.2221.



This preview shows how white text looks on a background with the HunterLab color 60.3282, 18.1260, -33.2221.

-33.2221.

# 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

60.3282, 18.1260, -33.2221

### Protanopia

60.4266, 6.2874, -38.2960

### Deuteranopia

60.5898, 4.5244, -31.5939



## Tritanopia

60.1890, -0.6870, -2.3702

# Trichromacy



## Original Color

60.3282, 18.1260, -33.2221

## Protanomaly

60.3377, 10.0875, -36.2065

## Deuteranomaly

60.3492, 9.6658, -32.6279

## Tritanomaly

60.0593, 6.0766, -12.6912

# Monochromacy



## Original Color

60.3282, 18.1260, -33.2221

## Achromatopsia

61.7516, -3.2949, 3.3551

## Achromatomaly

61.1927, 3.6732, -8.3267

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.3282, 18.1260, -33.2221 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(172, 151, 226)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 226)  
}
```

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(172, 151, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.3282, 18.1260, -33.2221 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(172, 151, 226) }
```



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

```
.border{ border-color:rgb(172, 151, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 151, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 151, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 151, 226); box-shadow:4px 4px 4px 4px rgb(172, 151, 226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.3282, 18.1260, -33.2221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 226) }
```

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

```
.background{ background-color: rgb(172,  
151, 226) }
```

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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