

# Converting Colors

HunterLab(51.2848, 66.0890,  
-76.6169)

Have a look what the booklet for  
HunterLab(51.2848, 66.0890,  
-76.6169) contains.

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# Color

**HunterLab(51.2202, 65.9621,  
-76.7969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C559FF
RGB	197, 89, 255
RGB Percent	77%, 35%, 100%
CMY	0.2274, 0.6510, 0.0000
CMYK	0.23, 0.65, 0.00, 0.00
HSL	279°, 100%, 67%
HSV	279°, 65%, 100%
XYZ	44.6484, 26.2351, 97.3184
YIQ	140.2160, 11.0820, 74.5220

# Conversions

## Conversions Part 2

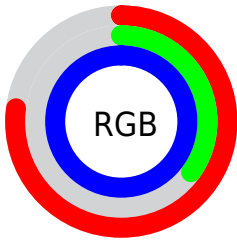
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 89, 255
Decimal	12933631
CIE <sub>Lab</sub>	58.26, 68.60, -64.62
CIE <sub>LCh</sub>	58, 94.237, 316.710
Yxy	26.2361, 0.2654, 0.1560
Android (android.graphics.Color)	4291123711 (0xFFC559FF)
YUV	140.2160, 56.5885, 49.7996
Hunter-Lab	51.2202, 65.9621, -76.7969

# Details

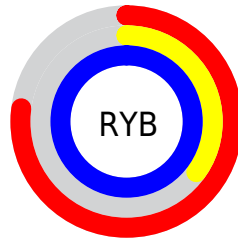
The HunterLab color **51.2202, 65.9621, -76.7969** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **88.5689, -55.0406, 47.2848**, and the grayscale version is **51.0760, -2.7253, 2.7751**.

A 20% lighter version of the original color is **69.8074, 55.3345, -36.3700**, and **31.8956, 61.3077, -77.4649** is the 20% darker color. If you saturate the color by 10%, you get **46.4051, 75.0294, -90.9686**, and if you desaturate by 10%, it is **56.9893, 55.4787, -62.3393**.

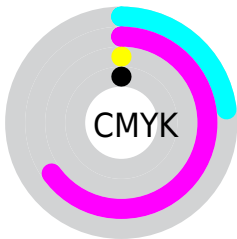
# Distribution



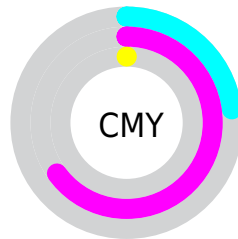
- Red (77%)
- Green (35%)
- Blue (100%)



- Red (77%)
- Yellow (35%)
- Blue (100%)



- Cyan (23%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (65%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2202, 65.9621, -76.7969 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 51.2202, 65.9621, -76.7969 by changing the saturation by 10% instead.



51.2202, 65.9621,  
-76.7969

51.2202, 65.9621,  
-76.7969

168.5049, 82.4020,  
-83.5683

41.2315, 63.7022,  
-76.7701

73.2499, 70.2570,  
-77.8170

31.9918, 61.4238,  
-77.4184

85.2104, 72.2664,  
-78.5627

23.5688, 59.2402,  
-79.3342

97.7590, 74.1799,  
-79.3769

16.0510, 57.4468,  
-83.8955

110.8696, 75.9991,  
-80.2236

9.5645, 56.9495,  
-95.0646

124.5189, 77.7272,  
-81.0794

0.0000, INF, -NF

0.0000, NaN, -NF

138.6864, 79.3678,

-81.9286

0.0000, NaN, -NF

153.3539, 80.9247,  
-82.7606

■ 51.2202, 65.9621,  
-76.7969

■ 51.2202, 65.9621,  
-76.7969

■ 46.4051, 75.0294,  
-90.9686

■ 56.9893, 55.4787,  
-62.3393

■ 42.6757, 81.6516,  
-103.7141

■ 63.5589, 44.3601,  
-48.3122

■ 40.0899, 84.8992,  
-113.7282

■ 70.7931, 33.0796,  
-35.0335

■ 39.1368, 85.4705,  
-117.7132

■ 78.5788, 21.8823,  
-22.5813

■ 86.8262, 10.8734,  
-10.9115

95.4648, 0.0822,  
0.0687

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



51.2212, 21.2545, -128.0239



51.2202, 65.9621, -76.7969



51.2212, 95.4102, -16.9959

# Triad

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



51.2212, 65.9612, -76.7943



51.2212, 16.1291, 35.1479



51.2212, -57.4679, -22.9622

# Complementary

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



51.2202, 65.9621, -76.7969



88.5689, -55.0406, 47.2848

# 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.



51.2212, -58.0754, 16.8926



51.2202, 65.9621, -76.7969



51.2212, -22.9896, 35.0301

# Square

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



51.2212, 65.9612, -76.7943



51.2212, 61.2329, 32.5462



51.2212, -47.4872, 31.8366



51.2212, -45.4555, -83.9168



# Rectangle

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



51.2202, 65.9621, -76.7969



51.2212, 97.9535, 10.6070



51.2212, -47.4872, 31.8366



51.2212, -58.8477, -6.4983

# Sweetspot

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



51.2212, 65.9612, -76.7943



82.7294, 16.2448, -16.5411



54.9939, 9.6385, -67.9427



37.2088, 8.9509, -9.1825

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.2212, 65.9612, -76.7943



45.2056, 77.2521, -94.8760



58.4159, 78.3923, -38.6903



42.3842, 2.2262, -2.1711



28.4425, 61.9723, -84.4380



9.2120, 19.7631, -24.9568



# Inverse Universe

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



55.2376, 65.1647, 5.5489



50.5904, 75.1769, 9.5178



86.5198, -62.8775, 41.3228



42.5345, 2.2421, 1.8310



33.9292, 59.2928, 12.7150

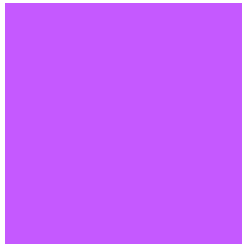


10.6800, 18.8421, 2.6197



# Previews

## White Background



This preview shows how the HunterLab color 51.2202, 65.9621, -76.7969 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

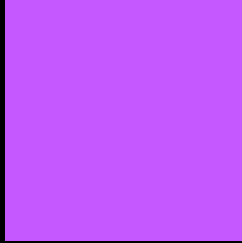
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.2202, 65.9621, -76.7969 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

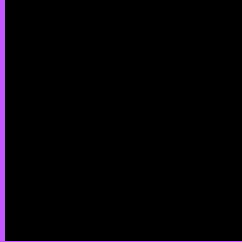
Any Text WCAG AA ✓ Pass

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 51.2202, 65.9621, -76.7969 Background



This preview shows how black text looks on a background with the HunterLab color 51.2202, 65.9621, -76.7969.



This preview shows how white text looks on a background with the HunterLab color 51.2202, 65.9621, -76.7969.

-76.7969.

# 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

51.2202, 65.9621, -76.7969

### Protanopia

51.4690, 14.2451, -77.0196

### Deuteranopia

51.6676, 5.0115, -67.2054



## Tritanopia

51.1233, 15.9586, 5.1981

# Trichromacy



## Original Color

51.2202, 65.9621, -76.7969



## Protanomaly

49.5492, 30.9923, -82.1320



## Deuteranomaly

48.9987, 23.5683, -77.8408



## Tritanomaly

50.3778, 32.4836, -18.5813

# Monochromacy



## Original Color

51.2202, 65.9621, -76.7969



## Achromatopsia

51.2104, -2.7325, 2.7824



## Achromatomaly

49.6278, 20.9783, -21.9246

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.2202, 65.9621, -76.7969 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(197, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 89, 255)  
}
```

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(197, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 89, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.2202, 65.9621, -76.7969 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(197, 89, 255) }
```



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

```
.border{ border-color:rgb(197, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 89,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.2202, 65.9621, -76.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 89, 255) }
```

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

```
.background{ background-color: rgb(197, 89,  
255) }
```

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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