

# Converting Colors

HunterLab(51.2196, 79.3531,  
-61.0939)

Have a look what the booklet for  
HunterLab(51.2196, 79.3531,  
-61.0939) contains.

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# Color

**HunterLab(51.2980, 79.1701,  
-60.4955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E144EE
RGB	225, 68, 238
RGB Percent	88%, 27%, 93%
CMY	0.1176, 0.7333, 0.0667
CMYK	0.05, 0.71, 0.00, 0.07
HSL	295°, 83%, 60%
HSV	295°, 71%, 93%
XYZ	48.5511, 26.3148, 83.4093
YIQ	134.3230, 39.0020, 86.1540

# Conversions

## Conversions Part 2

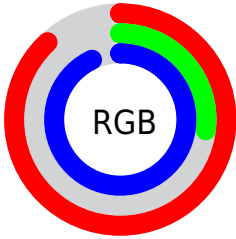
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 68, 238
Decimal	14763246
CIE Lab	58.34, 79.28, -54.83
CIE LCh	58, 96.396, 325.330
Yxy	26.3160, 0.3068, 0.1663
Android (android.graphics.Color)	4292953326 (0xFFE144EE)
YUV	134.3230, 51.1128, 79.5237
Hunter-Lab	51.2980, 79.1701, -60.4955

# Details

The HunterLab color **51.2980, 79.1701, -60.4955** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light muted magenta. A complement of this color would be **79.5716, -60.7089, 43.8931**, and the grayscale version is **48.7487, -2.6011, 2.6486**.

A 20% lighter version of the original color is **66.6673, 63.4531, -41.9477**, and **33.8278, 67.7931, -54.5899** is the 20% darker color. If you saturate the color by 10%, you get **48.6896, 86.4705, -66.9839**, and if you desaturate by 10%, it is **54.8597, 69.4991, -52.4006**.

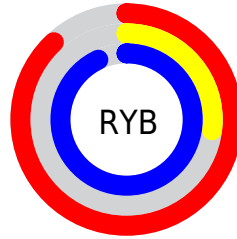
# Distribution



Red (88%)

Green (27%)

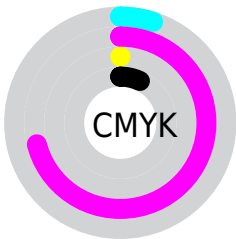
Blue (93%)



Red (88%)

Yellow (27%)

Blue (93%)

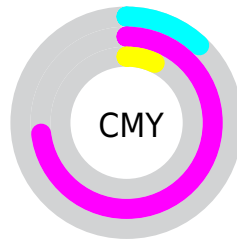


Cyan (5%)

Magenta (71%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (73%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2980, 79.1701, -60.4955 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 51.2980, 79.1701, -60.4955 by changing the saturation by 10% instead.



51.2980, 79.1701,  
-60.4955

51.2980, 79.1701,  
-60.4955

168.6209, 98.2030,  
-67.0420

41.3040, 76.7161,  
-60.0649

73.3378, 83.9732,  
-61.8497

32.0584, 74.3284,  
-60.0171

85.3028, 86.2680,  
-62.6249

23.6290, 72.1918,  
-60.7194

97.8558, 88.4762,  
-63.4129

16.1040, 70.7672,  
-63.0320

110.9704, 90.5953,  
-64.1933

9.6091, 71.4277,  
-69.4275

124.6237, 92.6253,  
-64.9532

0.0000, INF, -NF

0.0000, NaN, -NF

138.7951, 94.5682,

-65.6844

0.0000, NaN, -NF

153.4663, 96.4264,  
-66.3818

■ 51.2980, 79.1701,  
-60.4955

■ 51.2980, 79.1701,  
-60.4955

■ 48.6896, 86.4705,  
-66.9839

■ 54.8597, 69.4991,  
-52.4006

■ 47.0286, 90.8505,  
-71.4097

■ 59.3065, 58.2358,  
-43.3029


■ 46.2145, 92.5007,  
-73.6790


■ 64.5414, 46.0945,  
-33.7307


■ 70.4586, 33.6086,  
-24.0628

■ 76.9587, 21.1170,  
-14.5269

 83.9556, 8.8059,  
-5.2374

 91.3770, -3.2400,  
3.7643

 98.0518, -13.2484,  
11.2750

 98.2145, -12.6696,  
11.4664

# Harmonies

## Analogous

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



51.2991, 35.3787, -121.0656



51.2980, 79.1701, -60.4955



51.2991, 101.3727, -3.6710

# Triad

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



51.2991, 79.1680, -60.4932



51.2991, 3.8128, 35.5455



51.2991, -56.1828, -40.5682

# Complementary

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



51.2980, 79.1701, -60.4955



79.5716, -60.7089, 43.8931

# 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.



51.2991, -59.9017, 8.5107



51.2980, 79.1701, -60.4955



51.2991, -32.2071, 34.8225

# Square

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



51.2991, 79.1680, -60.4932



51.2991, 50.0268, 34.0717



51.2991, -52.6776, 29.7063



51.2991, -40.2128, -104.5182



# Rectangle

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



51.2980, 79.1701, -60.4955



51.2991, 97.1226, 18.8802



51.2991, -52.6776, 29.7063



51.2991, -58.6420, -21.1523

# Sweetspot

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



51.2991, 79.1680, -60.4932



83.4836, 22.3709, -15.3566



36.6920, 37.2082, -107.4469



37.6929, 12.0750, -8.4151

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.2991, 79.1680, -60.4932



51.6535, 96.2476, -75.0811



50.1085, 70.1841, -11.2502



39.9579, 3.0143, -1.6209



34.5559, 69.1440, -54.9254



10.0575, 20.0724, -15.5826



# Inverse Universe

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



47.8607, 60.9997, 20.9145



47.7031, 75.5213, 26.6094



80.1486, -56.5039, 30.3747



39.7221, 1.5853, 3.0011



31.8949, 54.7207, 19.8365



9.2360, 15.9187, 5.1791



# Previews

## White Background



This preview shows how the HunterLab color 51.2980, 79.1701, -60.4955 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

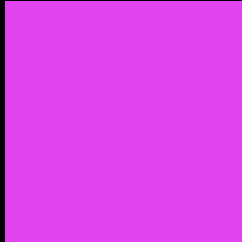
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.2980, 79.1701, -60.4955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

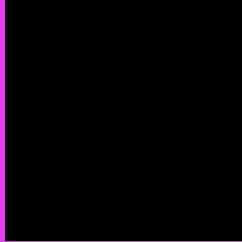
Any Text WCAG AA ✓ Pass

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 51.2980, 79.1701, -60.4955 Background



This preview shows how black text looks on a background with the HunterLab color 51.2980, 79.1701, -60.4955.



This preview shows how white text looks on a background with the HunterLab color 51.2980, 79.1701, -60.4955.

-60.4955.

# 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

51.2980, 79.1701, -60.4955

### Protanopia

51.7849, 13.8324, -76.1672

### Deuteranopia

51.6860, 4.4143, -50.6111



## Tritanopia

51.1252, 34.0059, 12.5811

# Trichromacy



## Original Color

51.2980, 79.1701, -60.4955



## Protanomaly

48.3885, 35.4524, -79.3764



## Deuteranomaly

48.2045, 30.2405, -61.8461



## Tritanomaly

50.2043, 49.2045, -8.0233

# Monochromacy



## Original Color

51.2980, 79.1701, -60.4955



## Achromatopsia

48.8260, -2.6052, 2.6528



## Achromatomaly

47.2715, 26.6247, -19.3583

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.2980, 79.1701, -60.4955 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(225, 68, 238)` looks like.

```
.text, #text, p{  
    color:rgb(225, 68, 238)  
}
```

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(225, 68, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 68, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.2980, 79.1701, -60.4955 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(225, 68, 238) }
```



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

```
.border{ border-color:rgb(225, 68, 238) }
```

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

Here you see how a box with a 4 pixel rgb(225, 68, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 68, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 68, 238);  
box-shadow:4px 4px 4px 4px rgb(225, 68,  
238) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.2980, 79.1701, -60.4955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 68, 238) }
```

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

```
.background{ background-color: rgb(225, 68,  
238) }
```

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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