

# Converting Colors

HunterLab(28.9676, 59.6267,  
-58.9453)

Have a look what the booklet for  
HunterLab(28.9676, 59.6267,  
-58.9453) contains.

<b>HunterLab(28.9676, 59.6267, -58.9453)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(28.9676, 59.6267,  
-58.9453)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B00AA
RGB	139, 0, 170
RGB Percent	55%, 0%, 67%
CMY	0.4549, 1.0000, 0.3333
CMYK	0.18, 1.00, 0.00, 0.33
HSL	289°, 100%, 33%
HSV	289°, 100%, 67%
XYZ	17.9031, 8.3912, 38.7062
YIQ	60.9410, 28.2740, 82.3380

# Conversions

## Conversions Part 2

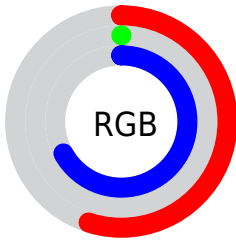
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 0, 170
Decimal	9109674
CIE <sub>Lab</sub>	34.79, 67.72, -54.12
CIE <sub>LCh</sub>	35, 86.684, 321.368
Yxy	8.3916, 0.2754, 0.1291
Android (android.graphics.Color)	4287299754 (0xFF8B00AA)
YUV	60.9410, 53.7661, 68.4577
Hunter-Lab	28.9676, 59.6267, -58.9453

# Details

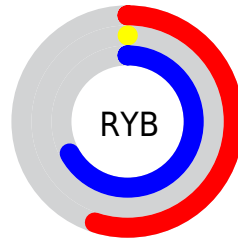
The HunterLab color  $28.9676, 59.6267, -58.9453$  is a dark color, and the websafe version is hex  $9933CC$ . A complement of this color would be  $53.8896, -44.8205, 32.4216$ , and the grayscale version is  $21.3967, -1.1417, 1.1625$ .

A 20% lighter version of the original color is  $47.7599, 63.9663, -58.7726$ , and  $17.6730, 37.5327, -44.9135$  is the 20% darker color. If you saturate the color by 10%, you get  $28.9677, 59.6268, -58.9453$ , and if you desaturate by 10%, it is  $30.1051, 57.7718, -55.3360$ .

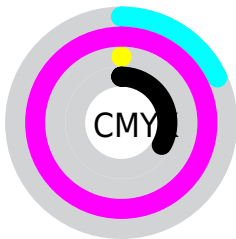
# Distribution



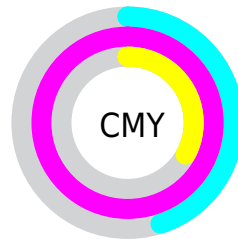
- Red (55%)
- Green (0%)
- Blue (67%)



- Red (55%)
- Yellow (0%)
- Blue (67%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (100%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9676, 59.6267, -58.9453 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 28.9676, 59.6267, -58.9453 by changing the saturation by 10% instead.



28.9676, 59.6267,  
-58.9453

28.9676, 59.6267,  
-58.9453

133.7055, 77.5868,  
-64.2826

20.8483, 57.5249,  
-59.9879

47.6682, 64.1353,  
-59.1776

13.6719, 55.9842,  
-63.1330

58.1182, 66.3320,  
-59.7619

7.2785, 59.8516,  
-75.6052

69.2368, 68.4441,  
-60.4679

0.0000, INF, -NF

0.0000, NaN, -NF

80.9859, 70.4619,  
-61.2311

0.0000, NaN, NaN

93.3333, 72.3830,  
-62.0133

0.0000, NaN, NaN

106.2514, 74.2088,

0.0000, NaN, NaN

-62.7913

119.7159, 75.9421,  
-63.5508

28.9676, 59.6267,  
-58.9453

28.9676, 59.6267,  
-58.9453

28.9677, 59.6268,  
-58.9453

30.1051, 57.7718,  
-55.3360

31.7566, 54.2609,  
-50.4847

34.0509, 48.9613,  
-44.3797

36.9530, 42.3774,  
-37.5063

40.3978, 35.0263,  
-30.3091

■ 44.3117, 27.3111,  
-23.1025

■ 48.6249, 19.4967,  
-16.0678

■ 53.2768, 11.7340,  
-9.2883

■ 58.2168, 4.0972,  
-2.7866

# Harmonies

## Analogous

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



28.9682, 22.9435, -112.4841



28.9676, 59.6267, -58.9453



28.9682, 81.7260, -8.0585

# Triad

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



28.9682, 59.6260, -58.9437



28.9682, 7.7463, 20.2777



28.9682, -38.3332, -26.8377

# Complementary

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



28.9676, 59.6267, -58.9453



53.8896, -44.8205, 32.4216

# 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.



28.9682, -39.6214, 8.7352



28.9676, 59.6267, -58.9453



28.9682, -19.8990, 20.2777

# Square

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



28.9682, 59.6260, -58.9437



28.9682, 44.6575, 20.2777



28.9682, -34.5027, 19.4396



28.9682, -29.7291, -84.0133



# Rectangle

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



28.9676, 59.6267, -58.9453



28.9682, 80.7905, 10.5274



28.9682, -34.5027, 19.4396



28.9682, -39.4411, -11.6466

# Sweetspot

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



28.9682, 59.6260, -58.9437



65.1663, 26.8388, -22.1546



19.7265, 35.6091, -101.5249



29.6268, 14.7107, -12.2808



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



28.9682, 59.6260, -58.9437



38.9069, 80.1635, -79.7738



31.3227, 57.6779, -11.0631



27.5617, 1.6728, -1.0967



24.8895, 51.2014, -50.4082



4.1010, 8.2897, -7.1681



# Inverse Universe

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



29.4027, 50.6881, 16.3903



39.5755, 68.1693, 22.5111



53.8650, -44.4338, 28.5938



27.5024, 1.0994, 1.7220



25.2301, 43.5204, 13.8761



4.0138, 7.0768, 1.0192



# Previews

## White Background



This preview shows how the HunterLab color 28.9676, 59.6267, -58.9453 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

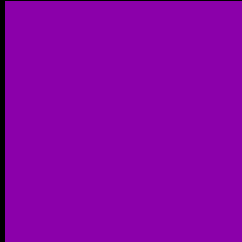
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 28.9676, 59.6267, -58.9453 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

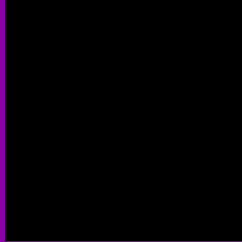
Any Text WCAG AA × Fail

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 28.9676, 59.6267, -58.9453 Background



This preview shows how black text looks on a background with the HunterLab color 28.9676, 59.6267, -58.9453.



This preview shows how white text looks on a background with the HunterLab color 28.9676, 59.6267, -58.9453.

-58.9453.

# 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

28.9676, 59.6267, -58.9453

### Protanopia

30.0219, 9.6752, -58.4107

### Deuteranopia

29.8160, 1.1858, -39.8272



## Tritanopia

29.7140, 17.6964, 6.7246

# Trichromacy



## Original Color

28.9676, 59.6267, -58.9453

## Protanomaly

24.6983, 28.6448, -76.7689

## Deuteranomaly

24.2998, 22.8743, -63.5526

## Tritanomaly

27.4502, 34.7001, -12.5221

# Monochromacy



## Original Color

28.9676, 59.6267, -58.9453

## Achromatopsia

21.6021, -1.1526, 1.1737

## Achromatomaly

21.2473, 23.2572, -20.8565

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.9676, 59.6267, -58.9453 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(139, 0, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 0, 170)  
}
```

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(139, 0, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 0, 170) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.9676, 59.6267, -58.9453 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(139, 0, 170) }
```



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

```
.border{ border-color:rgb(139, 0, 170) }
```

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

Here you see how a box with a 4 pixel rgb(139, 0, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 0, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 0, 170);  
box-shadow:4px 4px 4px 4px rgb(139, 0,  
170) }
```

# Background

The CSS property to change the background color of an element to HunterLab 28.9676, 59.6267, -58.9453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 0, 170) }
```

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

```
.background{ background-color: rgb(139, 0,  
170) }
```

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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