

Converting Colors

HunterLab(27.1952, 57.7236,
-68.8683)

Have a look what the booklet for
HunterLab(27.1952, 57.7236,
-68.8683) contains.

HunterLab(27.1608, 57.6218, -68.5571)	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(27.1608, 57.6218,
-68.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	7D00AD
RGB	125, 0, 173
RGB Percent	49%, 0%, 68%
CMY	0.5098, 1.0000, 0.3216
CMYK	0.28, 1.00, 0.00, 0.32
HSL	283°, 100%, 34%
HSV	283°, 100%, 68%
XYZ	16.0003, 7.3771, 40.1157
YIQ	57.0970, 18.9670, 80.3030

Conversions

Conversions Part 2

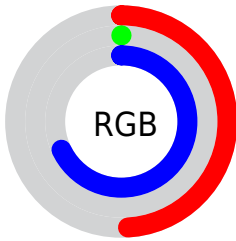
Format	Color
RYB	125, 0, 173
Decimal	8192173
CIELab	32.65, 66.38, -59.50
CIElCh	33, 89.140, 318.129
Yxy	7.3774, 0.2520, 0.1162
Android (android.graphics.Color)	4286382253 (0xFF7D00AD)
YUV	57.0970, 57.1402, 59.5509
Hunter-Lab	27.1608, 57.6218, -68.5571

Details

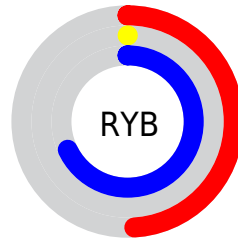
The HunterLab color **27.1608, 57.6218, -68.5571** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **55.2410, -44.4454, 33.2610**, and the grayscale version is **20.0679, -1.0708, 1.0903**.

A 20% lighter version of the original color is **45.5594, 62.0519, -67.3097**, and **16.0027, 35.7278, -54.1764** is the 20% darker color. If you saturate the color by 10%, you get **27.1610, 57.6221, -68.5566**, and if you desaturate by 10%, it is **28.5617, 55.7834, -63.4934**.

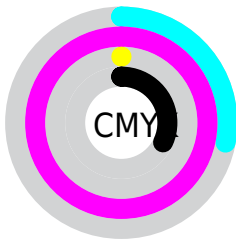
Distribution



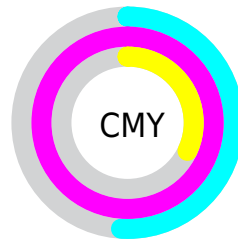
- Red (49%)
- Green (0%)
- Blue (68%)



- Red (49%)
- Yellow (0%)
- Blue (68%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)















- Cyan (51%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.1608, 57.6218, -68.5571 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 27.1608, 57.6218, -68.5571 by changing the saturation by 10% instead.

 27.1608, 57.6218, -68.5571	 27.1608, 57.6218, -68.5571
 130.6765, 75.4026, -72.8526	 19.2333, 55.5808, -70.7383
 45.5285, 62.0823, -67.8560	 12.2750, 54.2092, -76.2972
 55.8302, 64.2620, -68.2604	 5.4174, 69.7324, -110.8948
 66.8095, 66.3572, -68.8791	0.0000, INF, -NF
 78.4269, 68.3573, -69.6145	0.0000, NaN, -NF
 90.6491, 70.2598, -70.4090	0.0000, NaN, -NF
 103.4475, 72.0661,	0.0000, NaN, NaN

-71.2272

0.0000, NaN, NaN

116.7972, 73.7790,
-72.0466

27.1608, 57.6218,
-68.5571

27.1608, 57.6218,
-68.5571

27.1610, 57.6221,
-68.5566

28.5617, 55.7834,
-63.4934

30.5188, 52.2228,
-57.0870

33.1484, 46.8944,
-49.4669

36.3950, 40.3847,
-41.2723

40.1785, 33.2273,
-33.0013

■ 44.4172, 25.8006,
-24.9521

■ 49.0381, 18.3318,
-17.2626

■ 53.9807, 10.9393,
-9.9697

■ 59.1960, 3.6740,
-3.0574

Harmonies

Analogous

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



27.1613, 19.3599, -123.3653



27.1608, 57.6218, -68.5571



27.1613, 83.2975, -12.7177

Triad

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



27.1613, 57.6217, -68.5556



27.1613, 11.7254, 19.0129



27.1613, -37.7753, -22.3017

Complementary

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



27.1608, 57.6218, -68.5571



55.2410, -44.4454, 33.2610

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.



27.1613, -38.3534, 10.6471



27.1608, 57.6218, -68.5571



27.1613, -17.4241, 19.0129

Square

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



27.1613, 57.6217, -68.5556



27.1613, 49.9529, 19.0129



27.1613, -32.8202, 19.0129



27.1613, -30.5977, -81.7793

Rectangle

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



27.1608, 57.6218, -68.5571



27.1613, 84.6379, 8.2549



27.1613, -32.8202, 19.0129



27.1613, -38.5787, -7.6737

Sweetspot

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



27.1613, 57.6217, -68.5556



65.2891, 25.0572, -23.6303



22.8372, 27.5823, -88.0863



29.2413, 13.5756, -12.9441



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.



27.1613, 57.6217, -68.5556



36.1934, 76.9115, -92.3414



32.6316, 61.2873, -20.8151



28.3456, 1.5113, -1.2334



23.3436, 49.4716, -58.5194



4.2074, 8.6708, -8.6417

Inverse Universe

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



30.1625, 52.3610, 14.0057



40.3261, 69.9292, 19.3173



54.7941, -46.0955, 31.0194



28.3734, 1.2614, 1.4697



25.8692, 44.9408, 11.7620



4.4218, 7.8880, 0.4110

Previews

White Background



This preview shows how the HunterLab color 27.1608, 57.6218, -68.5571 looks on a white background.

Color Contrast Check

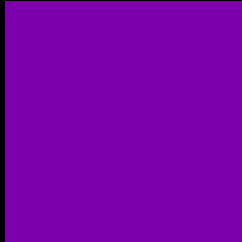
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1608, 57.6218, -68.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

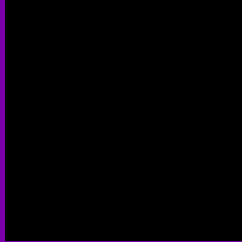
Any Text WCAG AA × Fail

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 27.1608, 57.6218, -68.5571 Background



This preview shows how black text looks on a background with the HunterLab color 27.1608, 57.6218, -68.5571.



This preview shows how white text looks on a background with the HunterLab color 27.1608, 57.6218, -68.5571.

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

27.1608, 57.6218, -68.5571

Protanopia

28.1361, 8.9725, -54.5368

Deuteranopia

27.8896, 0.3217, -35.5540



Tritanopia

28.0473, 11.8639, 4.1655

Trichromacy



Original Color

27.1608, 57.6218, -68.5571



Protanomaly

23.4685, 27.8662, -76.1933



Deuteranomaly

22.9801, 21.7519, -62.1014



Tritanomaly

25.4494, 30.4734, -17.4911

Monochromacy



Original Color

27.1608, 57.6218, -68.5571



Achromatopsia

20.2275, -1.0793, 1.0990



Achromatomaly

19.8908, 22.2898, -22.5393

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.1608, 57.6218, -68.5571 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(125, 0, 173)` looks like.

```
.text, #text, p{  
  color:rgb(125, 0, 173)  
}
```

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(125, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 27.1608, 57.6218, -68.5571 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(125, 0, 173) }
```


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

```
.border{ border-color:rgb(125, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(125, 0,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.1608, 57.6218, -68.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 173) }
```

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

```
.background{ background-color: rgb(125, 0,  
173) }
```

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