

Converting Colors

HunterLab(27.0942, 54.4721,
-68.8664)

Have a look what the booklet for
HunterLab(27.0942, 54.4721,
-68.8664) contains.

HunterLab(27.0634, 54.5124, -68.9822)	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(27.0634, 54.5124,
-68.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	780EAD
RGB	120, 14, 173
RGB Percent	47%, 5%, 68%
CMY	0.5294, 0.9451, 0.3216
CMYK	0.31, 0.92, 0.00, 0.32
HSL	280°, 85%, 37%
HSV	280°, 92%, 68%
XYZ	15.4456, 7.3243, 40.1348
YIQ	63.8200, 12.1370, 71.9210

Conversions

Conversions Part 2

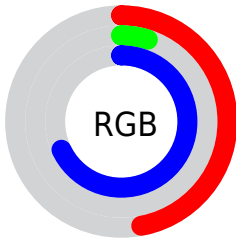
Format	Color
R_{YB}	120, 14, 173
Decimal	7868077
CIE _{Lab}	32.53, 63.65, -59.72
CIE _{LCh}	33, 87.282, 316.826
Yxy	7.3245, 0.2455, 0.1164
Android (android.graphics.Color)	4286058157 (0xFF780EAD)
YUV	63.8200, 53.8257, 49.2699
Hunter-Lab	27.0634, 54.5124, -68.9822

Details

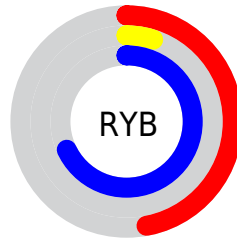
The HunterLab color **27.0634, 54.5124, -68.9822** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **55.7784, -42.1288, 33.1911**, and the grayscale version is **22.3965, -1.1950, 1.2168**.

A 20% lighter version of the original color is **45.3831, 58.5177, -67.8551**, and **15.4553, 35.0853, -56.8149** is the 20% darker color. If you saturate the color by 10%, you get **25.8549, 55.9464, -73.7507**, and if you desaturate by 10%, it is **29.0363, 51.3019, -61.9381**.

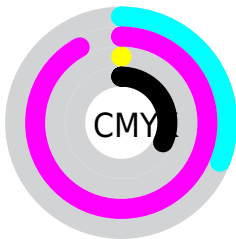
Distribution



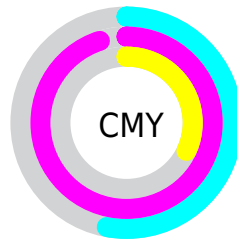
- Red (47%)
- Green (5%)
- Blue (68%)



- Red (47%)
- Yellow (5%)
- Blue (68%)



- Cyan (31%)
- Magenta (92%)
- Yellow (0%)
- Black (32%)



- Cyan (53%)
- Magenta (95%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.0634, 54.5124, -68.9822 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 27.0634, 54.5124, -68.9822 by changing the saturation by 10% instead.

27.0634, 54.5124,
-68.9822

27.0634, 54.5124,
-68.9822

130.5119, 71.6554,
-73.2125

19.1465, 52.4630,
-71.2266

45.4127, 58.8814,
-68.2295

12.2003, 50.9856,
-76.9229

55.7063, 60.9926,
-68.6234

5.2971, 66.5135,
-113.6701

66.6780, 63.0127,
-69.2365

0.0000, INF, -NF

0.0000, NaN, -NF

78.2881, 64.9342,
-69.9693

0.0000, NaN, -NF

90.5035, 66.7563,
-70.7634

0.0000, NaN, NaN

103.2953, 68.4812,

0.0000, NaN, NaN

-71.5825

0.0000, NaN, NaN

116.6388, 70.1129,
-72.4038

27.0634, 54.5124,
-68.9822

27.0634, 54.5124,
-68.9822

25.8549, 55.9464,
-73.7507

29.0363, 51.3019,
-61.9381

31.6999, 46.2641,
-53.6018

34.9944, 40.0184,
-44.7195

38.8335, 33.1247,
-35.8525

43.1303, 25.9708,
-27.3167

■ 47.8087, 18.7828,
-19.2414

■ 52.8065, 11.6738,
-11.6459

■ 58.0741, 4.6901,
-4.4959

■ 63.5725, -2.1586,
2.2633

Harmonies

Analogous

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



27.0639, 17.2799, -120.4904



27.0634, 54.5124, -68.9822



27.0639, 80.3236, -14.1841

Triad

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



27.0639, 54.5125, -68.9808



27.0639, 12.9381, 18.9447



27.0639, -37.4119, -19.6104

Complementary

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



27.0634, 54.5124, -68.9822



55.7784, -42.1288, 33.1911

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.



27.0639, -37.7499, 11.2061



27.0634, 54.5124, -68.9822



27.0639, -16.1529, 18.9447

Square

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



27.0639, 54.5125, -68.9808



27.0639, 50.1712, 18.9447



27.0639, -31.8986, 18.9447



27.0639, -30.6112, -76.4140

Rectangle

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



27.0634, 54.5124, -68.9822



27.0639, 82.5218, 7.1984



27.0639, -31.8986, 18.9447



27.0639, -38.1343, -5.8630

Sweetspot

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



27.0639, 54.5125, -68.9808



66.2216, 21.8693, -22.2061



26.6927, 18.3626, -71.0465



29.5953, 12.0604, -12.3794



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.



27.0639, 54.5125, -68.9808



34.4237, 74.6483, -99.4345



33.5996, 61.3604, -26.5698



28.3061, 1.3781, -1.2862



22.2330, 48.0440, -62.9135



4.0714, 8.4868, -9.1092

Inverse Universe

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



30.9898, 51.7734, 9.8426



40.5173, 70.6340, 16.5154



54.8974, -45.6187, 30.8121



28.3862, 1.3299, 1.2880



25.9969, 45.4112, 9.8936



4.4535, 8.0031, -0.0402

Previews

White Background



This preview shows how the HunterLab color 27.0634, 54.5124, -68.9822 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 27.0634, 54.5124, -68.9822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

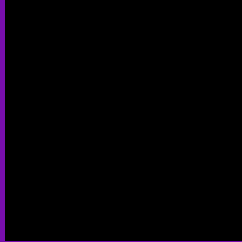
Any Text WCAG AA × Fail

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 27.0634, 54.5124, -68.9822 Background



This preview shows how black text looks on a background with the HunterLab color 27.0634, 54.5124, -68.9822.



This preview shows how white text looks on a background with the HunterLab color 27.0634, 54.5124, -68.9822.

-68.9822.

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

27.0634, 54.5124, -68.9822

Protanopia

27.6985, 8.5117, -52.9951

Deuteranopia

27.5178, 0.2094, -34.8469



Tritanopia

27.4084, 9.9757, 3.0491

Trichromacy



Original Color

27.0634, 54.5124, -68.9822

Protanomaly

24.0042, 25.0125, -71.5215

Deuteranomaly

23.6605, 19.2406, -58.4508

Tritanomaly

25.4773, 26.7251, -18.1633

Monochromacy



Original Color

27.0634, 54.5124, -68.9822

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

21.9961, 19.3823, -21.4087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.0634, 54.5124, -68.9822 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(120, 14, 173)` looks like.

```
.text, #text, p{  
    color:rgb(120, 14, 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(120, 14, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 14, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 27.0634, 54.5124, -68.9822 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(120, 14, 173) }
```


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

```
.border{ border-color:rgb(120, 14, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 14, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 14, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 14, 173);  
box-shadow:4px 4px 4px 4px rgb(120, 14,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.0634, 54.5124, -68.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 14, 173) }
```

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

```
.background{ background-color: rgb(120, 14,  
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