

# Converting Colors

HunterLab(47.0343, 45.4887,  
-59.2005)

Have a look what the booklet for  
HunterLab(47.0343, 45.4887,  
-59.2005) contains.

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# Color

**HunterLab(47.0603, 45.3384,  
-59.0555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A761E0
RGB	167, 97, 224
RGB Percent	65%, 38%, 88%
CMY	0.3451, 0.6196, 0.1216
CMYK	0.25, 0.57, 0.00, 0.12
HSL	273°, 67%, 63%
HSV	273°, 57%, 88%
XYZ	33.6656, 22.1467, 73.0214
YIQ	132.4080, 0.9530, 54.3370

# Conversions

## Conversions Part 2

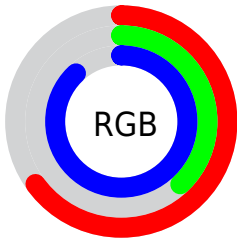
Format	Color
R <sub>Y</sub> B	167, 97, 224
Decimal	10969568
CIE Lab	54.18, 51.26, -54.06
CIE LCh	54, 74.496, 313.477
Yxy	22.1476, 0.2613, 0.1719
Android (android.graphics.Color)	4289159648 (0xFFA761E0)
YUV	132.4080, 45.1549, 30.3372
Hunter-Lab	47.0603, 45.3384, -59.0555

# Details

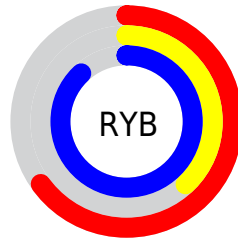
The HunterLab color  $47.0603, 45.3384, -59.0555$  is a light color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $78.1312, -40.4554, 38.8533$ , and the grayscale version is  $48.0246, -2.5625, 2.6093$ .

A 20% lighter version of the original color is  $67.1120, 42.1583, -41.4889$ , and  $28.4314, 41.6682, -59.0055$  is the 20% darker color. If you saturate the color by 10%, you get  $41.8609, 53.9792, -73.1442$ , and if you desaturate by 10%, it is  $52.9390, 36.3075, -45.7255$ .

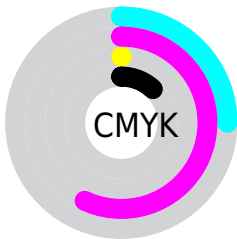
# Distribution



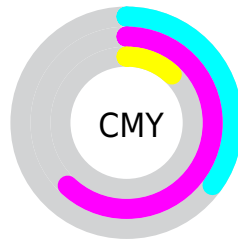
- Red (65%)
- Green (38%)
- Blue (88%)



- Red (65%)
- Yellow (38%)
- Blue (88%)



- Cyan (25%)
- Magenta (57%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (62%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0603, 45.3384, -59.0555 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 47.0603, 45.3384, -59.0555 by changing the saturation by 10% instead.



47.0603, 45.3384,  
-59.0555

47.0603, 45.3384,  
-59.0555

162.2701, 57.3130,  
-65.5061

37.3703, 43.5031,  
-58.7246

68.5491, 48.6790,  
-60.3301

28.4545, 41.5747,  
-58.8723

80.2612, 50.1875,  
-61.0911

20.3883, 39.6062,  
-59.9910

92.5734, 51.5947,  
-61.8725

13.2728, 37.7707,  
-63.3206

105.4578, 52.9067,  
-62.6507

6.8052, 40.7974,  
-78.4265

118.8901, 54.1292,  
-63.4109

0.0000, INF, -NF

0.0000, NaN, -NF

132.8486, 55.2678,

-64.1437

0.0000, NaN, -NF

147.3144, 56.3276,  
-64.8433

0.0000, NaN, NaN

■ 47.0603, 45.3384,  
-59.0555

■ 47.0603, 45.3384,  
-59.0555

■ 41.8609, 53.9792,  
-73.1442

■ 52.9390, 36.3075,  
-45.7255

■ 37.4826, 61.5838,  
-87.3763

■ 59.3699, 27.2453,  
-33.3660

■ 34.0669, 67.2081,  
-100.5670

■ 66.2554, 18.3147,  
-21.9606

■ 31.6835, 69.9412,  
-111.2207

■ 73.5193, 9.5719,  
-11.4025

■ 31.0280, 70.4810,  
-114.4033

■ 81.1033, 1.0206,  
-1.5609

■ 88.9624, -7.3582,  
7.6896

■ 97.0619, -15.5912,  
16.4583

■ 98.3637, -12.9441,  
17.8769

■ 99.0767, -10.4179,  
18.6664

# Harmonies

## Analogous

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



47.0612, 12.0377, -91.1917



47.0603, 45.3384, -59.0555



47.0612, 68.4377, -16.3531

# Triad

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



47.0612, 45.3378, -59.0538



47.0612, 15.4638, 30.8523



47.0612, -47.2349, -12.4818

# Complementary

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



47.0603, 45.3384, -59.0555



78.1312, -40.4554, 38.8533

# 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.



47.0612, -46.7635, 15.8885



47.0603, 45.3384, -59.0555



47.0612, -15.4869, 30.9792

# Square

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



47.0612, 45.3378, -59.0538



47.0612, 48.3933, 27.1248



47.0612, -36.6112, 27.7976



47.0612, -38.1233, -54.7106



# Rectangle

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



47.0603, 45.3384, -59.0555



47.0612, 72.0212, 5.8395



47.0612, -36.6112, 27.7976



47.0612, -48.1043, -0.9704

# Sweetspot

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



47.0612, 45.3378, -59.0538



84.7863, 11.5148, -13.7116



55.7537, -1.6324, -40.6678



38.4251, 6.2677, -7.4585

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



47.0612, 45.3378, -59.0538



47.4998, 64.2191, -87.6975



54.2596, 61.7193, -37.7026



36.8969, 1.5668, -1.9635



23.8181, 53.9410, -86.5601



6.6794, 14.6894, -20.8828



# Inverse Universe

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



51.7015, 50.5521, -2.3161



54.5457, 69.8775, -1.0295



75.3920, -51.3141, 35.3934



37.1514, 2.0659, 1.1607



31.2863, 55.3815, 6.2415

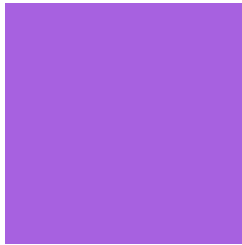


8.3446, 14.9728, 0.1020



# Previews

## White Background



This preview shows how the HunterLab color 47.0603, 45.3384, -59.0555 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

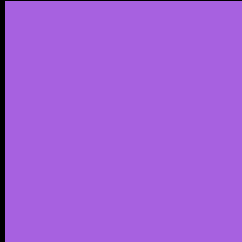
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 47.0603, 45.3384, -59.0555 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

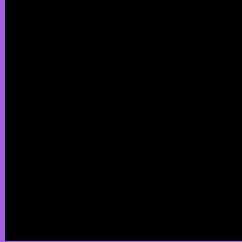
Any Text WCAG AA ✓ Pass

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 47.0603, 45.3384, -59.0555 Background



This preview shows how black text looks on a background with the HunterLab color 47.0603, 45.3384, -59.0555.



This preview shows how white text looks on a background with the HunterLab color 47.0603, 45.3384, -59.0555.

-59.0555.

# 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

47.0603, 45.3384, -59.0555

### Protanopia

47.4510, 16.7661, -86.5816

### Deuteranopia

47.4810, 4.0003, -52.6448



## Tritanopia

47.0500, 8.0268, 2.0737

# Trichromacy



## Original Color

47.0603, 45.3384, -59.0555

## Protanomaly

45.8824, 23.8662, -79.8615

## Deuteranomaly

46.2214, 16.9747, -58.0758

## Tritanomaly

46.5779, 20.4327, -16.2539

# Monochromacy



## Original Color

47.0603, 45.3384, -59.0555

## Achromatopsia

48.0354, -2.5630, 2.6099

## Achromatomaly

46.8295, 13.5903, -15.9751

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.0603, 45.3384, -59.0555 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(167, 97, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 97, 224)  
}
```

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(167, 97, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 97, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.0603, 45.3384, -59.0555 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(167, 97, 224) }
```



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

```
.border{ border-color:rgb(167, 97, 224) }
```

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

Here you see how a box with a 4 pixel rgb(167, 97, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 97, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 97, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 97,  
224) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.0603, 45.3384, -59.0555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 97, 224) }
```

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

```
.background{ background-color: rgb(167, 97,  
224) }
```

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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