

# Converting Colors

HunterLab(52.4458, 27.6402,  
-21.6266)

Have a look what the booklet for  
HunterLab(52.4458, 27.6402,  
-21.6266) contains.

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# Color

**HunterLab(52.4817, 27.5067,  
-21.5691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B47BBD
RGB	180, 123, 189
RGB Percent	71%, 48%, 74%
CMY	0.2941, 0.5176, 0.2588
CMYK	0.05, 0.35, 0.00, 0.26
HSL	292°, 33%, 61%
HSV	292°, 35%, 74%
XYZ	35.0906, 27.5433, 51.6109
YIQ	147.5670, 12.7860, 32.6100

# Conversions

## Conversions Part 2

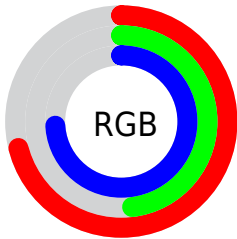
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 123, 189
Decimal	11828157
CIELab	59.47, 33.37, -25.81
CIELCh	59, 42.188, 322.280
Yxy	27.5445, 0.3072, 0.2411
Android (android.graphics.Color)	4290018237 (0xFFB47BBD)
YUV	147.5670, 20.4265, 28.4437
Hunter-Lab	52.4817, 27.5067, -21.5691

# Details

The HunterLab color  $52.4817, 27.5067, -21.5691$  is a light color, and the websafe version is hex  $996699$ . A complement of this color would be  $65.3692, -28.9563, 22.7760$ , and the grayscale version is  $54.1618, -2.8899, 2.9427$ .

A 20% lighter version of the original color is  $74.5974, 29.6119, -22.1747$ , and  $33.0907, 24.9464, -20.2426$  is the 20% darker color. If you saturate the color by 10%, you get  $47.9507, 36.6023, -29.3418$ , and if you desaturate by 10%, it is  $57.4519, 18.3694, -13.9616$ .

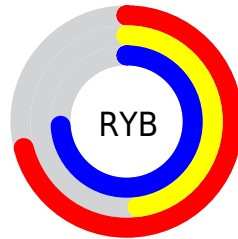
# Distribution



Red (71%)

Green (48%)

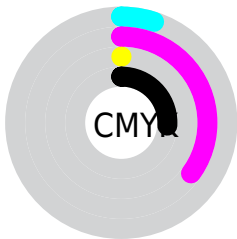
Blue (74%)



Red (71%)

Yellow (48%)

Blue (74%)

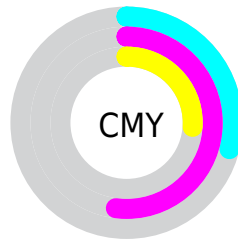


Cyan (5%)

Magenta (35%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (52%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4817, 27.5067, -21.5691 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 52.4817, 27.5067, -21.5691 by changing the saturation by 10% instead.



■ 52.4817, 27.5067,  
-21.5691

■ 52.4817, 27.5067,  
-21.5691

170.3772, 33.4010,  
-23.3605

■ 42.4059, 26.3935,  
-21.0905

■ 74.6702, 29.3973,  
-22.3524

■ 33.0718, 25.1567,  
-20.5686

■ 86.7036, 30.1976,  
-22.6568

■ 24.5455, 23.7852,  
-20.0306

■ 99.3218, 30.9118,  
-22.9041

■ 16.9120, 22.2808,  
-19.5550

112.4990, 31.5467,  
-23.0963

■ 10.2916, 20.6980,  
-19.3844

126.2123, 32.1083,  
-23.2358

0.0000, INF, -NF

0.0000, NaN, -NF

140.4415, 32.6016,

-23.3249

0.0000, NaN, NaN

155.1685, 33.0312,  
-23.3658

0.0000, NaN, NaN

■ 52.4817, 27.5067,  
-21.5691

■ 52.4817, 27.5067,  
-21.5691

■ 47.9507, 36.6023,  
-29.3418

■ 57.4519, 18.3694,  
-13.9616

■ 43.9312, 45.4006,  
-37.1112

■ 62.7926, 9.3389,  
-6.6030

■ 40.5060, 53.4903,  
-44.5746

■ 68.4505, 0.4803,  
0.4859

■ 37.7511, 60.3209,  
-51.2953

■ 74.3816, -8.1851,  
7.3140

■ 35.7167, 65.3032,  
-56.7685

■ 80.5499, -16.6614,  
13.9053

■ 34.3984, 68.0316,  
-60.5958

■ 86.9265, -24.9645,  
20.2887

■ 33.8893, 68.8777,  
-62.1414

■ 93.3839, -32.9739,  
26.3983

■ 93.5729, -32.2607,  
26.5890

■ 93.7647, -31.5385,  
26.7822

# Harmonies

## Analogous

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



52.4828, 10.9866, -37.6991



52.4817, 27.5067, -21.5691



52.4828, 36.1243, -1.7657

# Triad

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



52.4828, 27.5052, -21.5677



52.4828, 1.9321, 26.1440



52.4828, -31.1655, -11.2352

# Complementary

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



52.4817, 27.5067, -21.5691



65.3692, -28.9563, 22.7760

# 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.



52.4828, -32.9081, 7.0937



52.4817, 27.5067, -21.5691



52.4828, -15.3015, 25.1168

# Square

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



52.4828, 27.5052, -21.5677



52.4828, 20.1167, 22.8098



52.4828, -27.4899, 19.2833



52.4828, -22.3599, -30.4655



# Rectangle

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



52.4817, 27.5067, -21.5691



52.4828, 35.5159, 9.3932



52.4828, -27.4899, 19.2833



52.4828, -32.5439, -4.6462

# Sweetspot

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



52.4828, 27.5052, -21.5677



87.5883, 6.8248, -4.2770



49.6326, 5.6738, -26.8295



40.1261, 3.9391, -2.6038



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



52.4828, 27.5052, -21.5677



65.4782, 46.2681, -36.9198



52.6643, 26.2755, -7.6504



31.0299, 2.0641, -1.2352



27.8420, 56.5589, -50.8349



5.6755, 11.4256, -9.5580



# Inverse Universe

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



51.6254, 21.1111, 7.1088



64.1235, 36.0382, 11.0602



65.3339, -28.1006, 15.0500



30.9144, 1.2248, 2.1038



27.0841, 46.5900, 15.8915

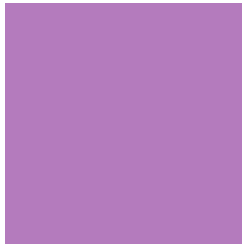


5.4247, 9.4586, 2.1987



# Previews

## White Background



This preview shows how the HunterLab color 52.4817, 27.5067, -21.5691 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

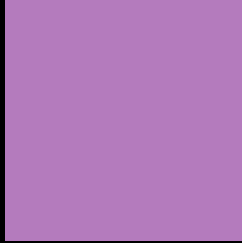
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.4817, 27.5067, -21.5691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

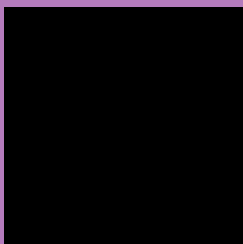
Any Text WCAG AA ✓ Pass

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 52.4817, 27.5067, -21.5691 Background



This preview shows how black text looks on a background with the HunterLab color 52.4817, 27.5067, -21.5691.



This preview shows how white text looks on a background with the HunterLab color 52.4817, 27.5067, -21.5691.

-21.5691.

# 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

52.4817, 27.5067, -21.5691

### Protanopia

52.5801, 5.1330, -31.2206

### Deuteranopia

52.6743, 3.9909, -19.7613



## Tritanopia

52.4255, 12.6635, 3.1368

# Trichromacy



## Original Color

52.4817, 27.5067, -21.5691

## Protanomaly

52.0161, 12.6749, -28.6233

## Deuteranomaly

52.1703, 12.2269, -21.0686

## Tritanomaly

52.4106, 17.6074, -5.0197

# Monochromacy



## Original Color

52.4817, 27.5067, -21.5691

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

53.4632, 7.7391, -5.3475

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.4817, 27.5067, -21.5691 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(180, 123, 189)` looks like.

```
.text, #text, p{  
    color:rgb(180, 123, 189)  
}
```

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(180, 123, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 123, 189) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.4817, 27.5067, -21.5691 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(180, 123, 189) }
```



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

```
.border{ border-color:rgb(180, 123, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 123, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 123, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 123, 189);  
box-shadow:4px 4px 4px 4px rgb(180, 123,  
189) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.4817, 27.5067, -21.5691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 123, 189) }
```

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

```
.background{ background-color: rgb(180,  
123, 189) }
```

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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