

# Converting Colors

HunterLab(53.3578, 27.7075,  
-2.0808)

Have a look what the booklet for  
HunterLab(53.3578, 27.7075,  
-2.0808) contains.

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# Color

**HunterLab(53.3578, 27.7075,  
-2.0808)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C57B9D
RGB	197, 123, 157
RGB Percent	77%, 48%, 62%
CMY	0.2274, 0.5176, 0.3843
CMYK	0.00, 0.38, 0.20, 0.23
HSL	332°, 39%, 63%
HSV	332°, 38%, 77%
XYZ	36.1947, 28.4705, 35.4860
YIQ	149.0020, 33.1900, 26.2620

# Conversions

## Conversions Part 2

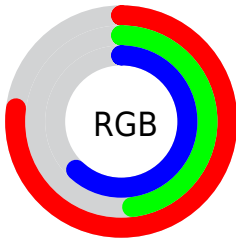
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	197, 123, 157
Decimal	12942237
CIE Lab	60.31, 33.48, -6.06
CIE LCh	60, 34.028, 349.738
Yxy	28.4719, 0.3614, 0.2843
Android (android.graphics.Color)	4291132317 (0xFFC57B9D)
YUV	149.0020, 3.9430, 42.0942
Hunter-Lab	53.3578, 27.7075, -2.0808

# Details

The HunterLab color  $53.3578, 27.7075, -2.0808$  is a light color, and the websafe version is hex `CC6699`. A complement of this color would be  $68.4022, -29.0299, 11.6046$ , and the grayscale version is  $54.7989, -2.9239, 2.9773$ .

A 20% lighter version of the original color is  $75.8009, 29.4702, -1.4959$ , and  $33.8025, 25.7281, -2.6377$  is the 20% darker color. If you saturate the color by 10%, you get  $48.7011, 36.1741, -2.6391$ , and if you desaturate by 10%, it is  $58.5158, 19.1265, -0.9710$ .

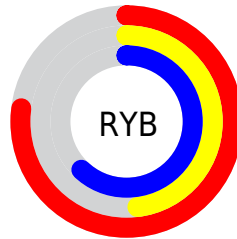
# Distribution



Red (77%)

Green (48%)

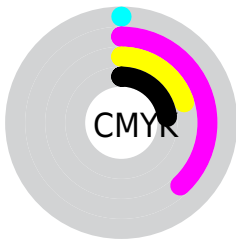
Blue (62%)



Red (77%)

Yellow (48%)

Blue (62%)

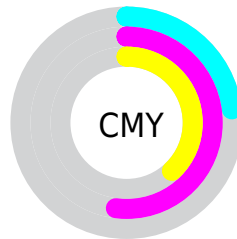


Cyan (0%)

Magenta (38%)

Yellow (20%)

Black (23%)



Cyan (23%)

Magenta (52%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3578, 27.7075, -2.0808 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 53.3578, 27.7075, -2.0808 by changing the saturation by 10% instead.



■ 53.3578, 27.7075,  
-2.0808

■ 53.3578, 27.7075,  
-2.0808

171.6726, 33.5789,  
2.1659

■ 43.2223, 26.5988,  
-2.3252

■ 75.6551, 29.5891,  
-1.4286

■ 33.8238, 25.3682,  
-2.5097

■ 87.7386, 30.3863,  
-1.0319

■ 25.2268, 24.0035,  
-2.6248

■ 100.4046, 31.0978,  
-0.5924

■ 17.5146, 22.5052,  
-2.6594

113.6275, 31.7305,  
-0.1128

■ 10.8034, 20.9205,  
-2.5980

127.3847, 32.2902,  
0.4048

■ 1.8605, 78.3224,  
-13.4048

141.6563, 32.7820,

0.0000, NaN, NaN

0.9582

0.0000, NaN, NaN

156.4244, 33.2102,  
1.5457

0.0000, NaN, NaN

■ 53.3578, 27.7075,  
-2.0808

■ 53.3578, 27.7075,  
-2.0808

■ 48.7011, 36.1741,  
-2.6391

■ 58.5158, 19.1265,  
-0.9710

■ 44.6307, 44.2352,  
-2.5204

■ 64.0940, 10.6079,  
0.5717

■ 41.2413, 51.4370,  
-1.6054


■ 70.0295, 2.2319,  
2.4548


■ 38.6150, 57.2085,  
0.1672


■ 76.2702, -5.9715,  
4.6060


■ 36.7956, 61.0067,  
2.7432


■ 82.7744, -14.0013,  
6.9706


 35.7308, 62.6568,  
5.8892

 89.5084, -21.8708,  
9.5075

 35.5208, 62.9330,  
6.6539

 94.4409, -26.7537,  
10.0092

 94.7697, -24.8803,  
5.3101

 95.1169, -22.9090,  
0.3649

# Harmonies

## Analogous

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



53.3591, 20.3261, -17.4161



53.3578, 27.7075, -2.0808



53.3591, 26.2529, 11.1649

# Triad

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



53.3591, 27.7052, -2.0796



53.3591, -12.0104, 22.4336



53.3591, -19.8205, -21.7796

# Complementary

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



53.3578, 27.7075, -2.0808



68.4022, -29.0299, 11.6046

# 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.



53.3591, -26.8030, -6.9325



53.3578, 27.7075, -2.0808



53.3591, -22.6412, 17.4510

# Square

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



53.3591, 27.7052, -2.0796



53.3591, 2.2481, 23.0781



53.3591, -27.7769, 7.4498



53.3591, -7.7635, -30.6542



# Rectangle

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



53.3578, 27.7075, -2.0808



53.3591, 20.5187, 17.3207



53.3591, -27.7769, 7.4498



53.3591, -22.7814, -17.1611

# Sweetspot

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



53.3591, 27.7052, -2.0796



90.8033, 7.0055, 2.3301



50.9205, 23.6159, -29.7154



41.5017, 3.9541, 0.9155

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.3591, 27.7052, -2.0796



66.2859, 46.3182, -3.4555



52.9976, 21.7519, 12.0721



32.7363, 1.7810, 0.9922



28.8364, 51.1438, 4.9853



6.3900, 11.5474, -0.5563



# Inverse Universe

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



53.3591, 27.7052, -2.0796



66.2859, 46.3182, -3.4555



68.6034, -22.0730, -3.7658



32.7363, 1.7810, 0.9922



28.8364, 51.1438, 4.9853

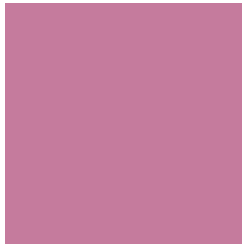


6.3900, 11.5474, -0.5563



# Previews

## White Background



This preview shows how the HunterLab color 53.3578, 27.7075, -2.0808 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

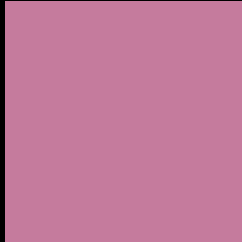
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 53.3578, 27.7075, -2.0808 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

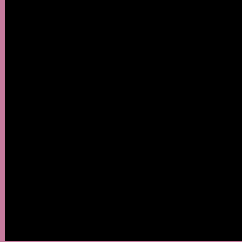
Any Text WCAG AA ✓ Pass

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 53.3578, 27.7075, -2.0808 Background



This preview shows how black text looks on a background with the HunterLab color 53.3578, 27.7075, -2.0808.



This preview shows how white text looks on a background with the HunterLab color 53.3578, 27.7075, -2.0808.

-2.0808.

# 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

53.3578, 27.7075, -2.0808

### Protanopia

53.7157, 0.5734, -9.4169

### Deuteranopia

53.3393, 3.9322, -1.0463



## Tritanopia

53.4401, 21.8466, 7.4697

# Trichromacy



## Original Color

53.3578, 27.7075, -2.0808

## Protanomaly

53.1240, 9.6042, -7.3609

## Deuteranomaly

52.9855, 12.5048, -1.8317

## Tritanomaly

53.5454, 23.8385, 4.1954

# Monochromacy



## Original Color

53.3578, 27.7075, -2.0808

## Achromatopsia

54.8219, -2.9252, 2.9786

## Achromatomaly

53.9724, 7.3172, 0.7531

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.3578, 27.7075, -2.0808 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(197, 123, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 123, 157)  
}
```

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(197, 123, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 123, 157) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.3578, 27.7075, -2.0808 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(197, 123, 157) }
```



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

```
.border{ border-color:rgb(197, 123, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 123, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 123, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 123, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 123,  
157) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.3578, 27.7075, -2.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 123, 157) }
```

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

```
.background{ background-color: rgb(197,  
123, 157) }
```

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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