

# Converting Colors

Hex(D80579)

Have a look what the booklet for  
Hex(D80579) contains.

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**Color**

**Hex(D80579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D80579
RGB	216, 5, 121
RGB Percent	85%, 2%, 47%
CMY	0.1529, 0.9804, 0.5255
CMYK	0.00, 0.98, 0.44, 0.15
HSL	327°, 95%, 43%
HSV	327°, 98%, 85%
XYZ	31.8244, 16.0879, 19.5171
YIQ	81.3130, 88.5200, 80.8080

# Conversions

## Conversions Part 2

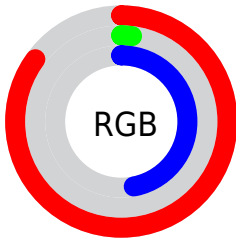
Format	Color
<b>R<sub>YB</sub></b>	216, 5, 121
Decimal	14157177
CIE <sub>Lab</sub>	47.09, 75.26, -3.99
CIE <sub>LCh</sub>	47, 75.365, 356.964
Yxy	16.0879, 0.4720, 0.2386
Android (android.graphics.Color)	4292347257 (0xFFD80579)
YUV	81.3130, 19.5657, 118.1205
Hunter-Lab	40.1098, 71.4354, -0.7732

# Details

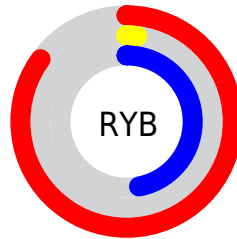
The Hex color **D80579** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **05D864**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5CAD**, and **9B0049** is the 20% darker color. If you saturate the color by 10%, you get **D80077**, and if you desaturate by 10%, it is **D81B83**.

# Distribution



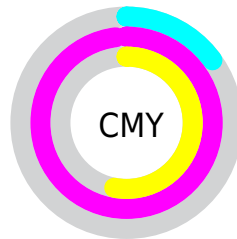
- Red (85%)
- Green (2%)
- Blue (47%)



- Red (85%)
- Yellow (2%)
- Blue (47%)



- Cyan (0%)
- Magenta (98%)
- Yellow (44%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D80579 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 Hex color D80579 by changing the saturation by 10% instead.



 D80579

 D80579

FFFFFF

 B90060

 FF5CAD

 9B0049

 FF7BC8

 7D0032

 FF99E5

 5F001E

 FFB6FF

 430003

 FFD4FF

 210001

 FFF2FF

 000000

 D80579

 D80579

 D80077

 D81B83

 D8308C

 D84696

 D85BA0

 D871AA

 D887B3

 D89CBD

 D8B2C7

 D8C7D1

# Harmonies

## Analogous

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



B33BB6



D80579



D8233B

# Triad

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



D80579



4F7C00



0086DA

# Complementary

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



D80579



05D864

# 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.



008AA8



D80579



008622

# Square

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



D80579



8D6B00



008A67



007AF0

# Rectangle

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



D80579



C8410C



008A67



0088CC



# Sweetspot

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



D80579



FFB5DE



6405D8



80536B



000000



808080



# Same Dimension

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



D80579



FF008C



D80510



6B6066



AB005E



2B0018



# Inverse Universe

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



D80579



FF008C



05D8CD



6B6066



AB005E



2B0018



# Previews

## White Background



This preview shows how the Hex color D80579 looks on a white background.

## Color Contrast Check

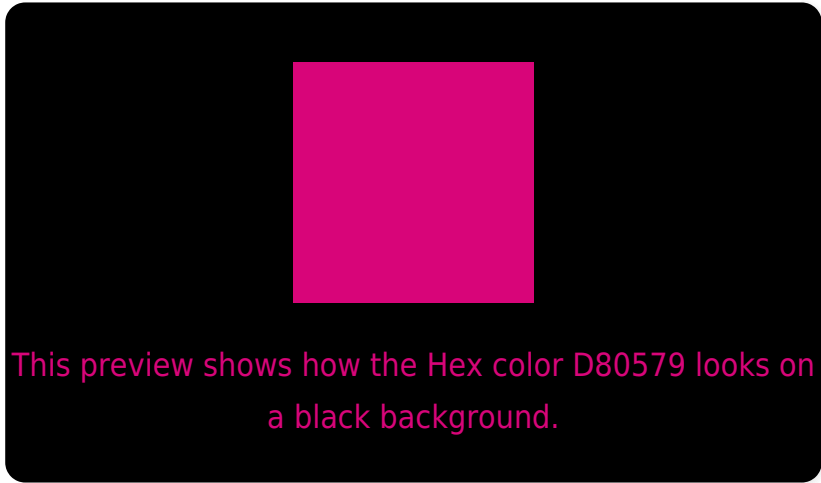
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D80579 Background



This preview shows how black text looks on a background with the Hex color D80579.

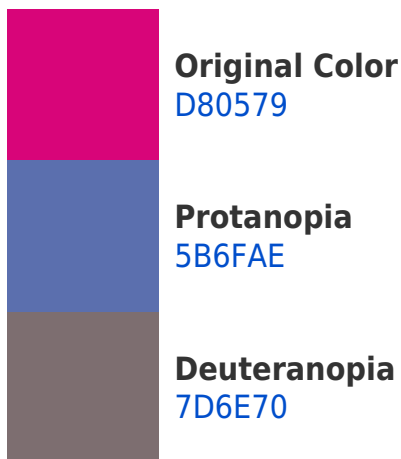



This preview shows how white text looks on a background with the Hex color D80579.

# 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





**Tritanopia**  
D43031

# Trichromacy



**Original Color**  
D80579



**Protanomaly**  
88489B



**Deuteranomaly**  
9E4873

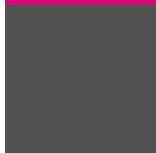


**Tritanomaly**  
D5204B

# Monochromacy



**Original Color**  
D80579



**Achromatopsia**  
515151



**Achromatomaly**  
823560

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D80579 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 #D80579 looks like.

```
.text, #text, p{  
    color:#D80579  
}
```

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 #D80579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D80579
}
```

## Border

The CSS property to change the border of an element to Hex D80579 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
#D80579 }
```

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

```
.border{ border-color:#D80579 }
```

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

Here you see how a box with a 4 pixel #D80579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D80579; -webkit-box-shadow:4px 4px  
4px 4px #D80579; box-shadow:4px 4px 4px  
4px #D80579 }
```

# Background

The CSS property to change the background color of an element to Hex D80579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D80579 }
```

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

```
.background{ background-color:#D80579 }
```

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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