

# Converting Colors

Hex(D0567F)

Have a look what the booklet for  
Hex(D0567F) contains.

<b>Hex(D0567F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(D0567F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0567F
RGB	208, 86, 127
RGB Percent	82%, 34%, 50%
CMY	0.1843, 0.6627, 0.5020
CMYK	0.00, 0.59, 0.39, 0.18
HSL	340°, 56%, 58%
HSV	340°, 59%, 82%
XYZ	33.1710, 21.5978, 22.4992
YIQ	127.1520, 59.5510, 38.6150

# Conversions

## Conversions Part 2

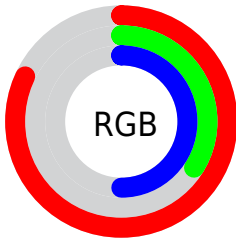
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 86, 127
Decimal	13653631
CIE <sub>Lab</sub>	53.60, 52.04, 1.76
CIE <sub>LCh</sub>	54, 52.067, 1.932
Yxy	21.5978, 0.4293, 0.2795
Android (android.graphics.Color)	4291843711 (0xFFD0567F)
YUV	127.1520, -0.0749, 70.9037
Hunter-Lab	46.4734, 46.0781, 3.8273

# Details

The Hex color **D0567F** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **56D0A7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8DB4**, and **961C4E** is the 20% darker color. If you saturate the color by 10%, you get **D04171**, and if you desaturate by 10%, it is **D06B8D**.

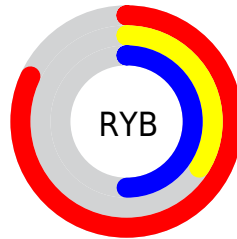
# Distribution



Red (82%)

Green (34%)

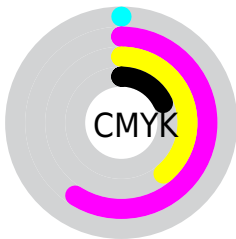
Blue (50%)



Red (82%)

Yellow (34%)

Blue (50%)

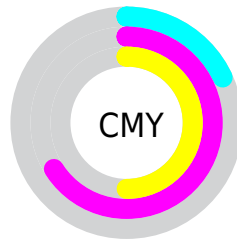


Cyan (0%)

Magenta (59%)

Yellow (39%)

Black (18%)



Cyan (18%)

Magenta (66%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0567F 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 D0567F by changing the saturation by 10% instead.



 D0567F

 D0567F

FFFFFF

 B33A66

 FF8DB4

 961C4E

 FFA8CF

 790038

 FFC5EB

 5D0022

 FFE2FF

 42000C

 260001

 000000

 D0567F

 D0567F

 D04171

 D06B8D

 D02C63

 D0809B

 D01856

 D094A8

 D00348

 D0A9B6

 D00046

 D0BEC4

 D0D3D2

 D0E8E0

 D0FCED

 D0FFFB

# Harmonies

## Analogous

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



B960AB



D0567F



CE5D53

# Triad

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



D0567F



678B2E



0090CF

# Complementary

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



D0567F



56D0A7

# 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.



0095AE



D0567F



1E9254

# Square

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



D0567F



957F1D



009682



0084DA

# Rectangle

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



D0567F



C2683A



009682



0092C6



# Sweetspot

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



D0567F



FFD1E1



A556D0



80636D



000000



808080



# Same Dimension

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



D0567F



FF4D88



D06856



695E62



A80039



29000E



# Inverse Universe

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



D0567F



FF4D88



56BED0



695E62



A80039



29000E



# Previews

## White Background



This preview shows how the Hex color D0567F looks on a white background.

## Color Contrast Check

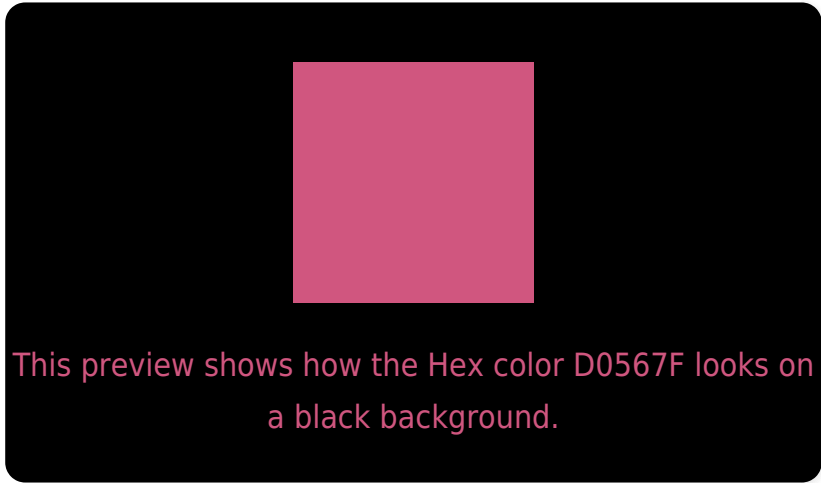
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex D0567F Background



This preview shows how black text looks on a background with the Hex color D0567F.



This preview shows how white text looks on a background with the Hex color D0567F.

# Color Blindness Simulation

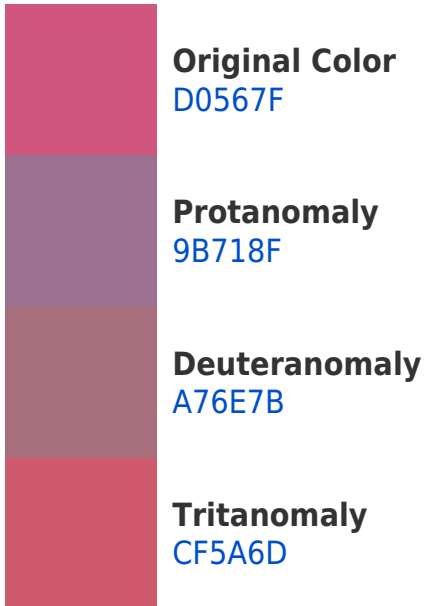
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0567F 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 #D0567F looks like.

```
.text, #text, p{  
    color:#D0567F  
}
```

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 #D0567F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0567F
}
```

## Border

The CSS property to change the border of an element to Hex D0567F 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
#D0567F }
```

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

```
.border{ border-color:#D0567F }
```

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

Here you see how a box with a 4 pixel #D0567F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0567F; -webkit-box-shadow:4px 4px  
4px 4px #D0567F; box-shadow:4px 4px 4px  
4px #D0567F }
```

# Background

The CSS property to change the background color of an element to Hex D0567F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0567F }
```

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

```
.background{ background-color:#D0567F }
```

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