

# Converting Colors

Hex(DC177D)

Have a look what the booklet for  
Hex(DC177D) contains.

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# Color

**Hex(DC177D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC177D
RGB	220, 23, 125
RGB Percent	86%, 9%, 49%
CMY	0.1373, 0.9098, 0.5098
CMYK	0.00, 0.90, 0.43, 0.14
HSL	329°, 81%, 48%
HSV	329°, 90%, 86%
XYZ	33.5233, 17.3091, 20.9762
YIQ	93.5310, 84.6700, 73.4860

# Conversions

## Conversions Part 2

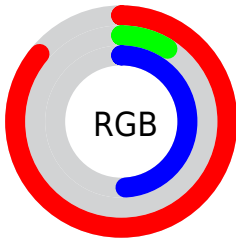
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 23, 125
Decimal	14423933
CIE <sub>Lab</sub>	48.65, 74.62, -4.05
CIE <sub>LCh</sub>	49, 74.728, 356.894
Yxy	17.3091, 0.4668, 0.2410
Android (android.graphics.Color)	4292614013 (0xFFDC177D)
YUV	93.5310, 15.5142, 110.9133
Hunter-Lab	41.6042, 71.0219, -0.7701

# Details

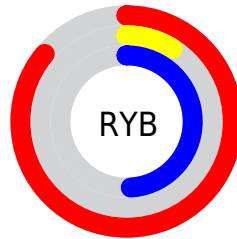
The Hex color **DC177D** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **17DC76**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF62B1**, and **9F004C** is the 20% darker color. If you saturate the color by 10%, you get **DC0172**, and if you desaturate by 10%, it is **DC2D88**.

# Distribution



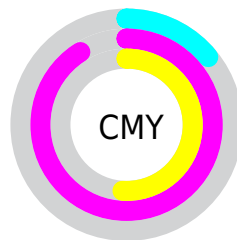
- Red (86%)
- Green (9%)
- Blue (49%)



- Red (86%)
- Yellow (9%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (43%)
- Black (14%)



- Cyan (14%)
- Magenta (91%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC177D 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 DC177D by changing the saturation by 10% instead.



 DC177D

 DC177D

FFFFFF

 BD0064

 FF62B1

 9F004C

 FF80CD

 810036

 FF9EE9

 630021

 FFBCFF

 470008

 FFDAFF

 270001

 FFF8FF

 000000

 DC177D

 DC177D

 DC0172

 DC2D88

 DC0072

 DC4392

 DC599D

 DC6FA7

 DC85B2

 DC9BBD

 DCB1C7

 DCC7D2

 DCDDDC

# Harmonies

## Analogous

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



B740BA



DC177D



DC2B3F

# Triad

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



DC177D



548000



008ADE

# Complementary

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



DC177D



17DC76

# 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.



008EAB



DC177D



008A26

# Square

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



DC177D



926F00



008E6B



007EF3

# Rectangle

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



DC177D



CC4613



008E6B



008CD0



# Sweetspot

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



DC177D



FFBADE



7317DC



80576C



000000



808080



# Same Dimension

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



DC177D



FF0084



DC171E



6E6368



AD005A



2E0018



# Inverse Universe

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



DC177D



FF0084



17DCD5



6E6368



AD005A



2E0018



# Previews

## White Background



This preview shows how the Hex color DC177D looks on a white background.

## Color Contrast Check

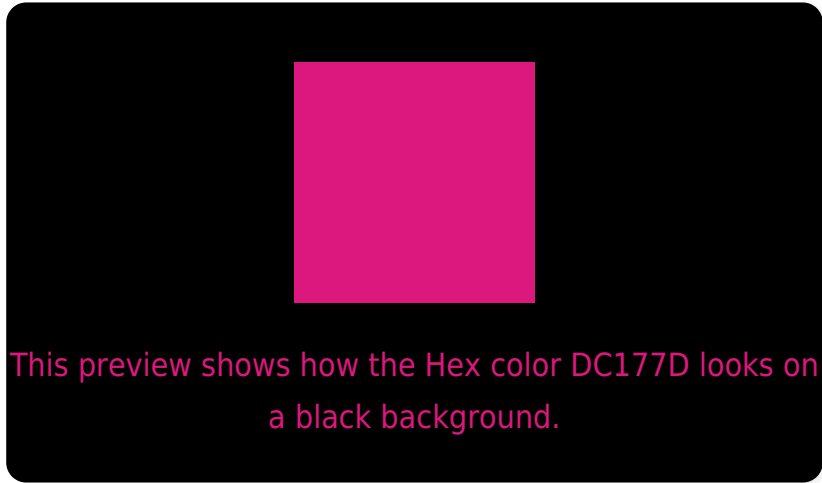
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC177D Background



This preview shows how black text looks on a background with the Hex color DC177D.



This preview shows how white text looks on a background with the Hex color DC177D.

# 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**  
DC177D

**Protanopia**  
5F73B1

**Deuteranopia**  
807174

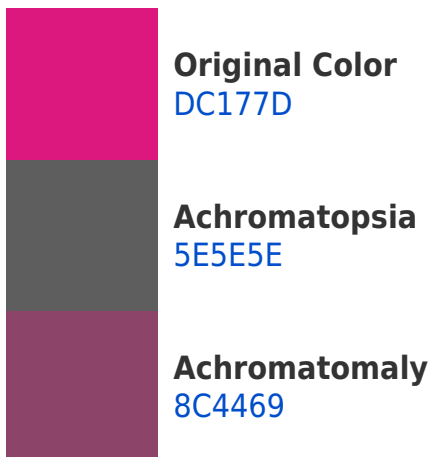


**Tritanopia**  
D83536

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC177D 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 #DC177D looks like.

```
.text, #text, p{  
    color:#DC177D  
}
```

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 #DC177D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC177D
}
```

## Border

The CSS property to change the border of an element to Hex DC177D 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
#DC177D }
```

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

```
.border{ border-color:#DC177D }
```

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

Here you see how a box with a 4 pixel #DC177D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC177D; -webkit-box-shadow:4px 4px  
4px 4px #DC177D; box-shadow:4px 4px 4px  
4px #DC177D }
```

# Background

The CSS property to change the background color of an element to Hex DC177D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC177D }
```

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

```
.background{ background-color:#DC177D }
```

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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