

# Converting Colors

Hex(D75F87)

Have a look what the booklet for  
Hex(D75F87) contains.

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**Color**

**Hex(D75F87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75F87
RGB	215, 95, 135
RGB Percent	84%, 37%, 53%
CMY	0.1569, 0.6275, 0.4706
CMYK	0.00, 0.56, 0.37, 0.16
HSL	340°, 60%, 61%
HSV	340°, 56%, 84%
XYZ	36.4897, 24.3808, 25.7044
YIQ	135.4400, 58.6800, 37.8800

# Conversions

## Conversions Part 2

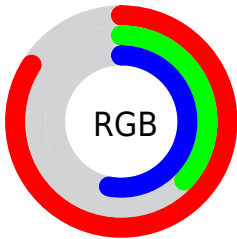
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 95, 135
Decimal	14114695
CIE <sub>Lab</sub>	56.47, 51.04, 1.34
CIE <sub>LCh</sub>	56, 51.056, 1.499
Yxy	24.3808, 0.4215, 0.2816
Android (android.graphics.Color)	4292304775 (0xFFD75F87)
YUV	135.4400, -0.2169, 69.7741
Hunter-Lab	49.3769, 45.5027, 3.6989

# Details

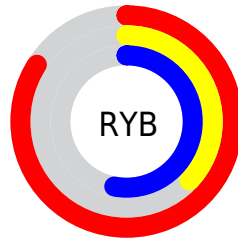
The Hex color **D75F87** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5FD7AF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF96BC**, and **9C2756** is the 20% darker color. If you saturate the color by 10%, you get **D74A79**, and if you desaturate by 10%, it is **D77595**.

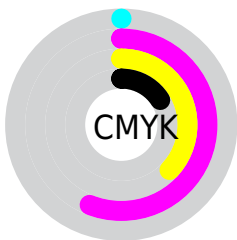
# Distribution



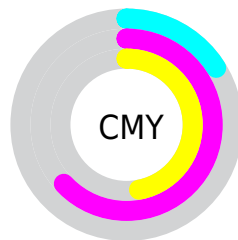
- Red (84%)
- Green (37%)
- Blue (53%)



- Red (84%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (56%)
- Yellow (37%)
- Black (16%)



- Cyan (16%)
- Magenta (63%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75F87 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 D75F87 by changing the saturation by 10% instead.



 D75F87

 D75F87

FFFFFF

 B9446E

 FF96BC

 9C2756

 FFB1D8

 80003E

 FFCEF4

 640029

 FFE8FF

 480014

 2F0002

 000000

 D75F87

 D75F87

 D74A79

 D77595

 D7346A

 D78AA4

 D71E5C

 D7A0B2

 D7094E

 D7B5C0

 D70048

 D7CBCF

 D7E0DD

 D7F6EB

 D7FFFA

 D7FFFF

# Harmonies

## Analogous

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



BF69B3



D75F87



D6655C

# Triad

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



D75F87



709237



0097D5

# Complementary

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



D75F87



5FD7AF

# 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.



009CB5



D75F87



2E9A5B

# Square

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



D75F87



9D8628



009D88



228CE0

# Rectangle

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



D75F87



CA7043



009D88



0099CC



# Sweetspot

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



D75F87



FFD4E2



AF5FD7



80666F



000000



808080



# Same Dimension

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



D75F87



FF548D



D7735F



6B6064



AB0039



2B000E



# Inverse Universe

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



D75F87



FF548D



5FC3D7



6B6064



AB0039



2B000E



# Previews

## White Background



This preview shows how the Hex color D75F87 looks on a white background.

## Color Contrast Check

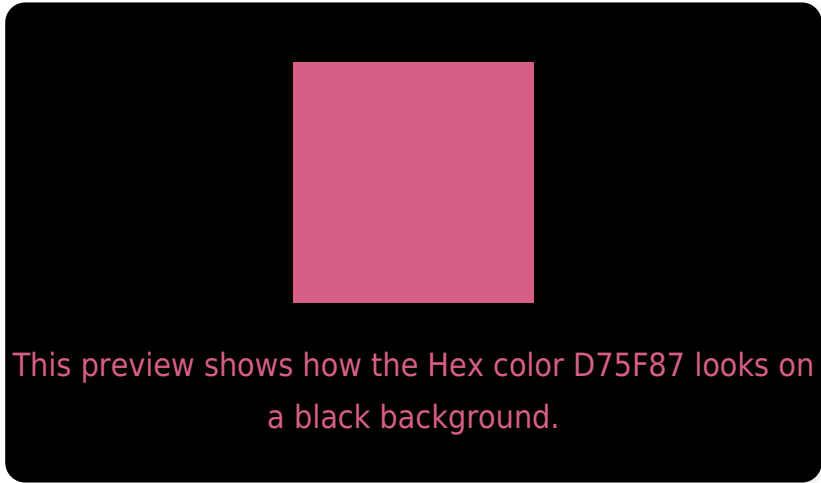
Large Text (above 18pt) WCAG AA ✓ Pass

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 D75F87 Background



This preview shows how black text looks on a background with the Hex color D75F87.

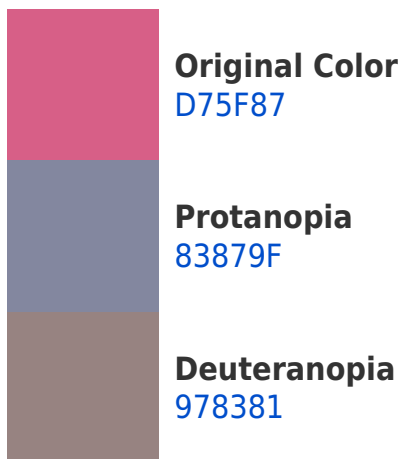


This preview shows how white text looks on a background with the Hex color D75F87.

# 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**  
D5646B

# Trichromacy



**Original Color**  
D75F87



**Protanomaly**  
A27896



**Deuteranomaly**  
AE7683

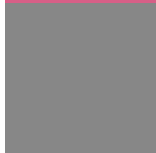


**Tritanomaly**  
D66275

# Monochromacy



**Original Color**  
D75F87



**Achromatopsia**  
878787



**Achromatomaly**  
A47887

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75F87 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 #D75F87 looks like.

```
.text, #text, p{  
    color:#D75F87  
}
```

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 #D75F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75F87
}
```

## Border

The CSS property to change the border of an element to Hex D75F87 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
#D75F87 }
```

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

```
.border{ border-color:#D75F87 }
```

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

Here you see how a box with a 4 pixel #D75F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75F87; -webkit-box-shadow:4px 4px  
4px 4px #D75F87; box-shadow:4px 4px 4px  
4px #D75F87 }
```

# Background

The CSS property to change the background color of an element to Hex D75F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75F87 }
```

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

```
.background{ background-color:#D75F87 }
```

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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