

# Converting Colors

Hex(D75A87)

Have a look what the booklet for  
Hex(D75A87) contains.

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**Color**

**Hex(D75A87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75A87
RGB	215, 90, 135
RGB Percent	84%, 35%, 53%
CMY	0.1569, 0.6471, 0.4706
CMYK	0.00, 0.58, 0.37, 0.16
HSL	338°, 61%, 60%
HSV	338°, 58%, 84%
XYZ	36.0537, 23.5087, 25.5591
YIQ	132.5050, 60.0550, 40.4950

# Conversions

## Conversions Part 2

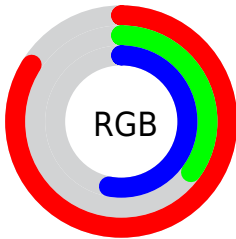
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 90, 135
Decimal	14113415
CIE <sub>Lab</sub>	55.59, 53.35, 0.06
CIE <sub>LCh</sub>	56, 53.355, 0.065
Yxy	23.5087, 0.4236, 0.2762
Android (android.graphics.Color)	4292303495 (0xFFD75A87)
YUV	132.5050, 1.2300, 72.3481
Hunter-Lab	48.4857, 47.8813, 2.6855

# Details

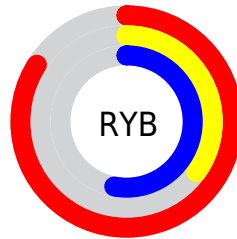
The Hex color **D75A87** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5AD7AA**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF91BC**, and **9C2056** is the 20% darker color. If you saturate the color by 10%, you get **D74579**, and if you desaturate by 10%, it is **D77095**.

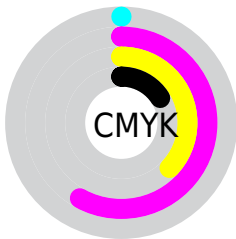
# Distribution



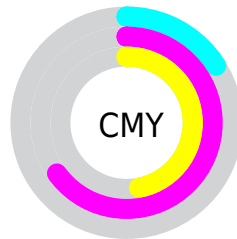
- Red (84%)
- Green (35%)
- Blue (53%)



- Red (84%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (37%)
- Black (16%)



- Cyan (16%)
- Magenta (65%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75A87 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 D75A87 by changing the saturation by 10% instead.



 D75A87

 D75A87

FFFFFF

 B93E6E

 FF91BC

 9C2056

 FFADD8

 80003E

 FFC9F4

 630029

 FFE6FF

 480014

 2E0002

 000000

 D75A87

 D75A87

 D74579

 D77095

 D72F6B

 D785A3

 D71A5E

 D79BB0

 D70450

 D7B0BE

 D7004D

 D7C6CC

 D7DBDA

 D7F1E7

 D7FFF5

 D7FFFF

# Harmonies

## Analogous

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



BD65B4



D75A87



D76059

# Triad

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



D75A87



6F902E



0096D5

# Complementary

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



D75A87



5AD7AA

# 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.



009BB2



D75A87



299855

# Square

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



D75A87



9D831F



009B84



008AE2

# Rectangle

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



D75A87



CA6B3F



009B84



0098CB



# Sweetspot

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



D75A87



FFD4E3



A95AD7



80666F



000000



808080



# Same Dimension

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



D75A87



FF4D8D



D76B5A



6B6064



AB003E



2B0010



# Inverse Universe

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



D75A87



FF4D8D



5AC6D7



6B6064



AB003E



2B0010



# Previews

## White Background



This preview shows how the Hex color D75A87 looks on a white background.

## Color Contrast Check

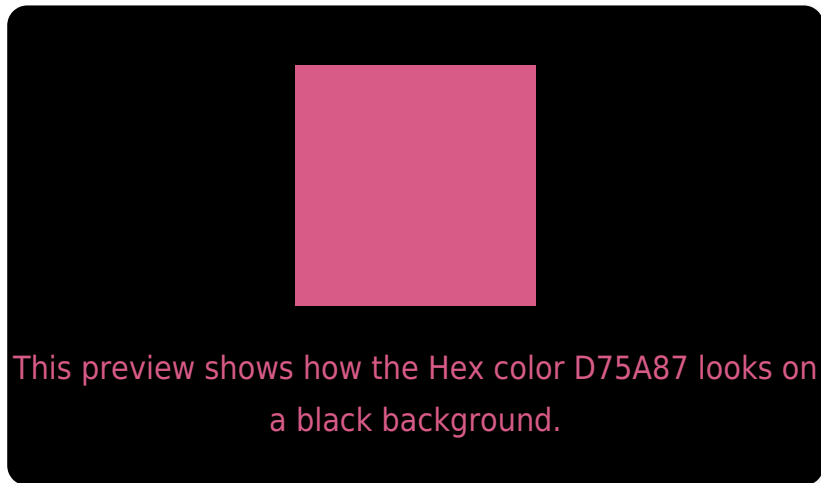
Large Text (above 18pt) WCAG AA ✓ Pass

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

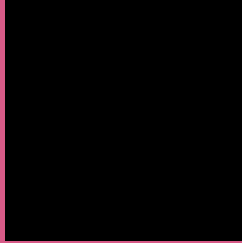
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D75A87 Background



This preview shows how black text looks on a background with the Hex color D75A87.

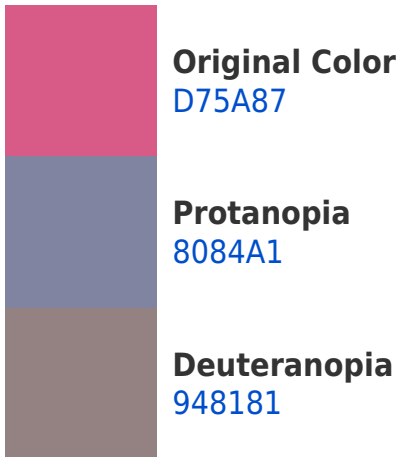


This preview shows how white text looks on a background with the Hex color D75A87.

# 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**  
D56067

# Trichromacy



**Original Color**  
D75A87



**Protanomaly**  
A07598



**Deuteranomaly**  
AC7383

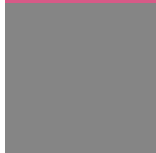


**Tritanomaly**  
D65E73

# Monochromacy



**Original Color**  
D75A87



**Achromatopsia**  
858585



**Achromatomaly**  
A37586

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75A87 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 #D75A87 looks like.

```
.text, #text, p{  
    color:#D75A87  
}
```

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 #D75A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75A87
}
```

## Border

The CSS property to change the border of an element to Hex D75A87 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
#D75A87 }
```

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

```
.border{ border-color:#D75A87 }
```

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

Here you see how a box with a 4 pixel #D75A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75A87; -webkit-box-shadow:4px 4px  
4px 4px #D75A87; box-shadow:4px 4px 4px  
4px #D75A87 }
```

# Background

The CSS property to change the background color of an element to Hex D75A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75A87 }
```

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

```
.background{ background-color:#D75A87 }
```

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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