

# Converting Colors

Hex(D45A6F)

Have a look what the booklet for  
Hex(D45A6F) contains.

<b>Hex(D45A6F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D45A6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D45A6F
RGB	212, 90, 111
RGB Percent	83%, 35%, 44%
CMY	0.1686, 0.6471, 0.5647
CMYK	0.00, 0.58, 0.48, 0.17
HSL	350°, 59%, 59%
HSV	350°, 58%, 83%
XYZ	33.6768, 22.4571, 17.5986
YIQ	128.8720, 65.9710, 32.3950

# Conversions

## Conversions Part 2

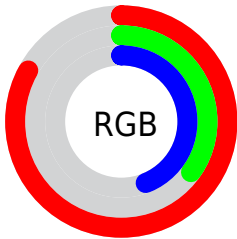
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 90, 111
Decimal	13916783
CIE <sub>Lab</sub>	54.51, 49.89, 12.62
CIE <sub>LCh</sub>	55, 51.463, 14.198
Yxy	22.4571, 0.4567, 0.3046
Android (android.graphics.Color)	4292106863 (0xFFD45A6F)
YUV	128.8720, -8.8109, 72.9033
Hunter-Lab	47.3889, 43.9200, 11.1540

# Details

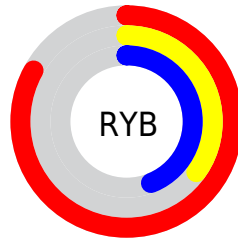
The Hex color **D45A6F** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **5AD4BF**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF90A2**, and **992240** is the 20% darker color. If you saturate the color by 10%, you get **D4455D**, and if you desaturate by 10%, it is **D46F81**.

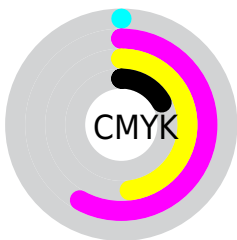
# Distribution



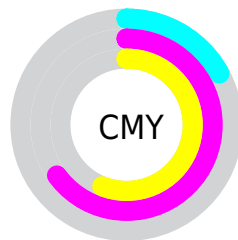
- Red (83%)
- Green (35%)
- Blue (44%)



- Red (83%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (48%)
- Black (17%)



- Cyan (17%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D45A6F 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 D45A6F by changing the saturation by 10% instead.



 D45A6F

 D45A6F

FFFFFF

 B63F57

 FF90A2

 992240

 FFACBD

 7C002A

 FFC8D9

 5F0016

 FFE5F6

 440000

 270001

 000000

 D45A6F

 D45A6F

 D4455D

 D46F81

 D4304C

 D48492

 D41A3A

 D49AA4

 D40529

 D4AFB5

 D40024

 D4C4C7

 D4D9D8

 D4EEEA

 D4FFFB

 D4FFFF

# Harmonies

## Analogous

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



C75D9C



D45A6F



CA6646

# Triad

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



D45A6F



54913F



008ED8

# Complementary

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



D45A6F



5AD4BF

# 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.



0096BF



D45A6F



009669

# Square

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



D45A6F



868724



009897



5780D9

# Rectangle

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



D45A6F



B87231



009897



0091D2



# Sweetspot

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



D45A6F



FFD4DB



BE5AD4



80666A



000000



808080



# Same Dimension

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



D45A6F



FF4F6D



D4815A



6B6062



AB001D



2B0007



# Inverse Universe

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



D45A6F



FF4F6D



5AADD4



6B6062



AB001D



2B0007



# Previews

## White Background



This preview shows how the Hex color D45A6F looks on a white background.

## Color Contrast Check

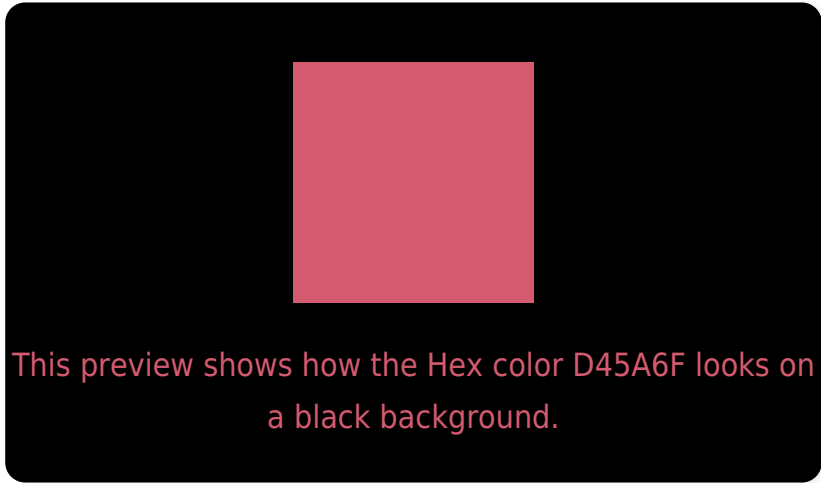
Large Text (above 18pt) WCAG AA ✓ Pass

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 D45A6F Background



This preview shows how black text looks on a background with the Hex color D45A6F.



This preview shows how white text looks on a background with the Hex color D45A6F.

# 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**  
D45A6F

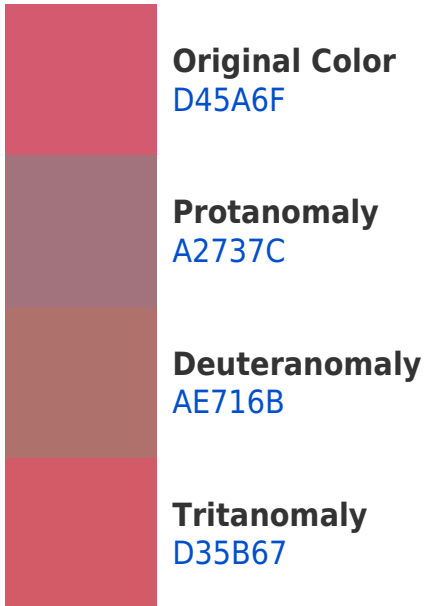
**Protanopia**  
858284

**Deuteranopia**  
987E69

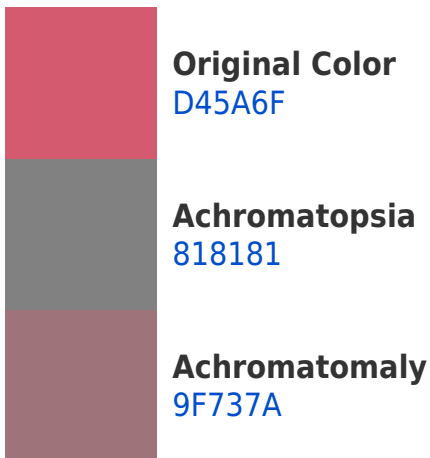


**Tritanopia**  
D35C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D45A6F 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 #D45A6F looks like.

```
.text, #text, p{  
    color:#D45A6F  
}
```

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 #D45A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45A6F
}
```

## Border

The CSS property to change the border of an element to Hex D45A6F 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
#D45A6F }
```

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

```
.border{ border-color:#D45A6F }
```

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

Here you see how a box with a 4 pixel #D45A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45A6F; -webkit-box-shadow:4px 4px  
4px 4px #D45A6F; box-shadow:4px 4px 4px  
4px #D45A6F }
```

# Background

The CSS property to change the background color of an element to Hex D45A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45A6F }
```

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

```
.background{ background-color:#D45A6F }
```

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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