

# Converting Colors

Hex(D45F70)

Have a look what the booklet for  
Hex(D45F70) contains.

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# Color

**Hex(D45F70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D45F70
RGB	212, 95, 112
RGB Percent	83%, 37%, 44%
CMY	0.1686, 0.6275, 0.5608
CMYK	0.00, 0.55, 0.47, 0.17
HSL	351°, 58%, 60%
HSV	351°, 55%, 83%
XYZ	34.1682, 23.3513, 18.0356
YIQ	131.9210, 64.2750, 30.0910

# Conversions

## Conversions Part 2

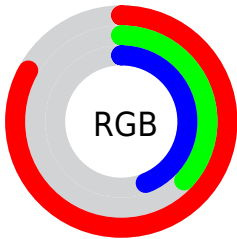
Format	Color
R <sub>Y</sub> B	212, 95, 112
Decimal	13918064
CIE Lab	55.43, 47.62, 13.32
CIE LCh	55, 49.450, 15.627
Yxy	23.3513, 0.4522, 0.3091
Android (android.graphics.Color)	4292108144 (0xFFD45F70)
YUV	131.9210, -9.8211, 70.2293
Hunter-Lab	48.3232, 41.6476, 11.6975

# Details

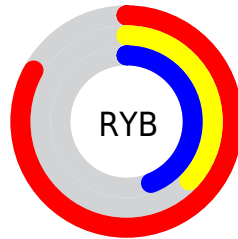
The Hex color **D45F70** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **5FD4C3**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF95A4**, and **992940** is the 20% darker color. If you saturate the color by 10%, you get **D44A5E**, and if you desaturate by 10%, it is **D47482**.

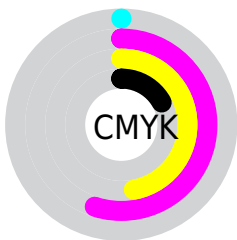
# Distribution



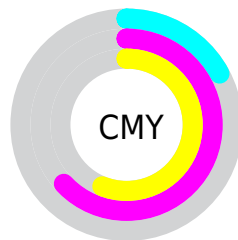
- Red (83%)
- Green (37%)
- Blue (44%)



- Red (83%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (55%)
- Yellow (47%)
- Black (17%)



- Cyan (17%)
- Magenta (63%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D45F70 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 D45F70 by changing the saturation by 10% instead.



 D45F70

 D45F70

FFFFFF

 B64458

 FF95A4

 992940

 FFB1BF

 7C042B

 FFCDDA

 600017

 FFEAF7

 440000

 290001

 000000

 D45F70

 D45F70

 D44A5E

 D47482

 D4354C

 D48994

 D41F3A

 D49FA6

 D40A28

 D4B4B8

 D4001F

 D4C9CB

 D4DEDD

 D4F3EF

 D4FFFF

# Harmonies

## Analogous

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



C9619B



D45F70



C96B49

# Triad

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



D45F70



569346



008FD8

# Complementary

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



D45F70



5FD4C3

# 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.



0097C1



D45F70



00986E

# Square

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



D45F70



87892C



009A9B



6182D7

# Rectangle

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



D45F70



B87635



009A9B



0093D2



# Sweetspot

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



D45F70



FFD4DA



C25FD4



80666A



000000



808080



# Same Dimension

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



D45F70



FF576F



D4885F



6B6062



AB0019



2B0006



# Inverse Universe

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



D45F70



FF576F



5FABD4



6B6062



AB0019



2B0006



# Previews

## White Background



This preview shows how the Hex color D45F70 looks on a white background.

## Color Contrast Check

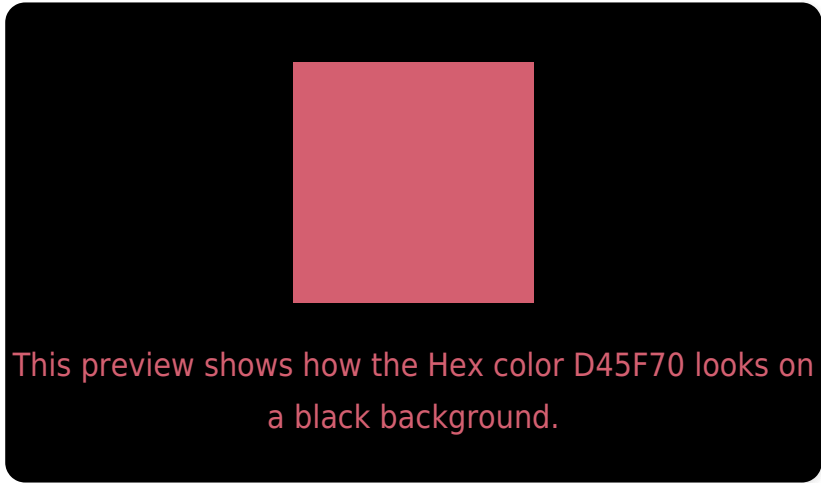
Large Text (above 18pt) WCAG AA ✓ Pass

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 D45F70 Background



This preview shows how black text looks on a background with the Hex color D45F70.

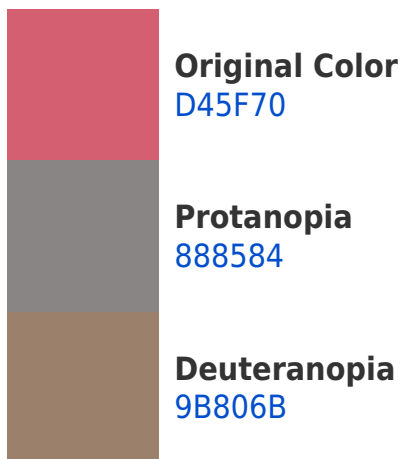


This preview shows how white text looks on a background with the Hex color D45F70.

# 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**  
D36167

# Trichromacy



**Original Color**  
D45F70

**Protanomaly**  
A4777D

**Deuteranomaly**  
B0746D

**Tritanomaly**  
D3606A

# Monochromacy



**Original Color**  
D45F70

**Achromatopsia**  
848484

**Achromatomaly**  
A1777D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D45F70 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 #D45F70 looks like.

```
.text, #text, p{  
    color:#D45F70  
}
```

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 #D45F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45F70
}
```

## Border

The CSS property to change the border of an element to Hex D45F70 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
#D45F70 }
```

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

```
.border{ border-color:#D45F70 }
```

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

Here you see how a box with a 4 pixel #D45F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45F70; -webkit-box-shadow:4px 4px  
4px 4px #D45F70; box-shadow:4px 4px 4px  
4px #D45F70 }
```

# Background

The CSS property to change the background color of an element to Hex D45F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45F70 }
```

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

```
.background{ background-color:#D45F70 }
```

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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