

# Converting Colors

Hex(D53F80)

Have a look what the booklet for  
Hex(D53F80) contains.

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# Color

**Hex(D53F80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D53F80
RGB	213, 63, 128
RGB Percent	84%, 25%, 50%
CMY	0.1647, 0.7529, 0.4980
CMYK	0.00, 0.70, 0.40, 0.16
HSL	334°, 64%, 54%
HSV	334°, 70%, 84%
XYZ	33.1144, 19.2597, 22.3942
YIQ	115.2600, 68.5350, 52.0150

# Conversions

## Conversions Part 2

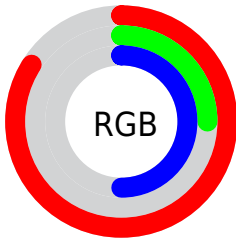
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 63, 128
Decimal	13975424
CIE <sub>Lab</sub>	50.99, 63.08, -2.56
CIE <sub>LCh</sub>	51, 63.131, 357.679
Yxy	19.2597, 0.4429, 0.2576
Android (android.graphics.Color)	4292165504 (0xFFD53F80)
YUV	115.2600, 6.2808, 85.7180
Hunter-Lab	43.8858, 57.8882, 0.4653

# Details

The Hex color **D53F80** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **3FD594**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF79B5**, and **99004F** is the 20% darker color. If you saturate the color by 10%, you get **D52A74**, and if you desaturate by 10%, it is **D5548C**.

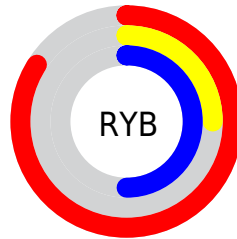
# Distribution



Red (84%)

Green (25%)

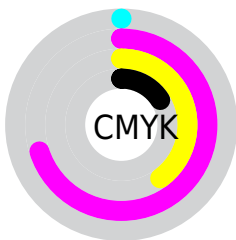
Blue (50%)



Red (84%)

Yellow (25%)

Blue (50%)

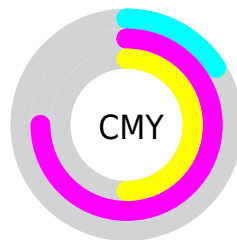


Cyan (0%)

Magenta (70%)

Yellow (40%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D53F80 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 D53F80 by changing the saturation by 10% instead.



 D53F80

 D53F80

FFFFFF

 B71C67

 FF79B5

 99004F

 FF96D0

 7C0038

 FFB2EC

 5F0023

 FFCFFF

 45000D

 FFEDFF

 260001

 000000

 D53F80

 D53F80

 D52A74

 D5548C

 D51468

 D56A98

 D5005C

 D57FA4

 D594B0

 D5AABC

 D5BFC8

 D5D4D4

 D5E9E1

 D5FFED

# Harmonies

## Analogous

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



B552B4



D53F80



D6474B

# Triad

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



D53F80



618500



008DD4

# Complementary

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



D53F80



3FD594

# 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.



0092AA



D53F80



008D3C

# Square

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



D53F80



967600



009173



0081E6

# Rectangle

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



D53F80



C8572A



009173



008FC8



# Sweetspot

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



D53F80



FFC9E1



943FD5



80606D



000000



808080



# Same Dimension

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



D53F80



FF2684



D5493F



6B6065



AB004A



2B0013



# Inverse Universe

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



D53F80



FF2684



3FCBD5



6B6065



AB004A

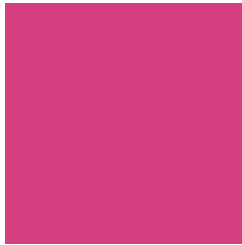


2B0013



# Previews

## White Background



This preview shows how the Hex color D53F80 looks on a white background.

## Color Contrast Check

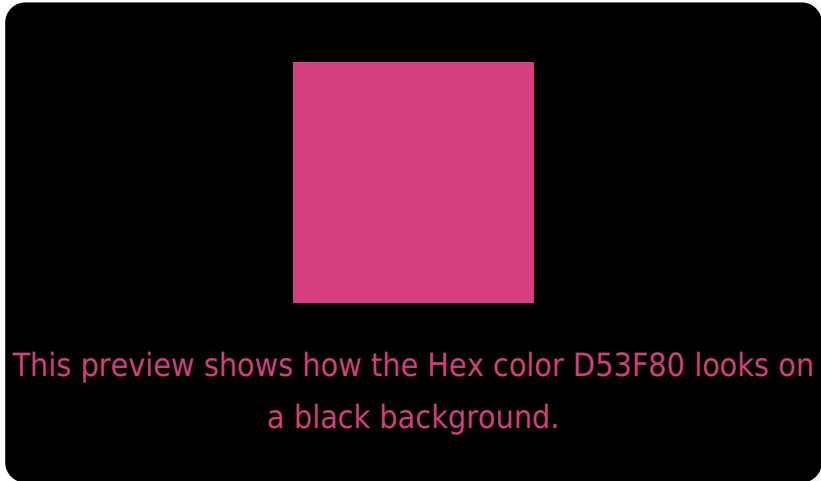
Large Text (above 18pt) WCAG AA ✓ Pass

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 D53F80 Background



This preview shows how black text looks on a background with the Hex color D53F80.

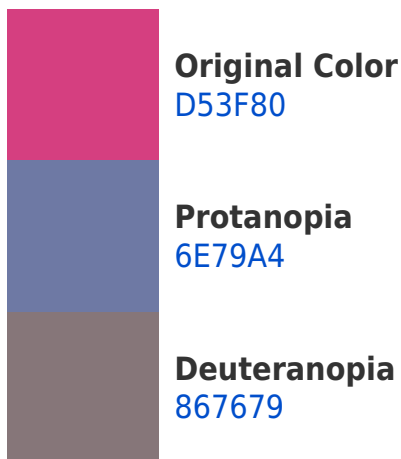


This preview shows how white text looks on a background with the Hex color D53F80.

# 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](#).

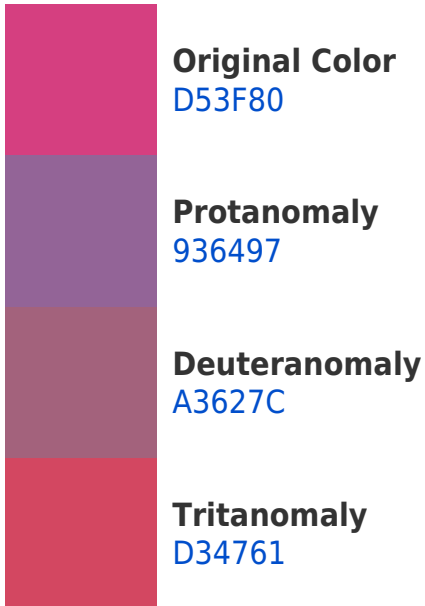
## Dichromacy





**Tritanopia**  
D24B4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D53F80 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 #D53F80 looks like.

```
.text, #text, p{  
    color:#D53F80  
}
```

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 #D53F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D53F80
}
```

## Border

The CSS property to change the border of an element to Hex D53F80 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
#D53F80 }
```

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

```
.border{ border-color:#D53F80 }
```

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

Here you see how a box with a 4 pixel #D53F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D53F80; -webkit-box-shadow:4px 4px  
4px 4px #D53F80; box-shadow:4px 4px 4px  
4px #D53F80 }
```

# Background

The CSS property to change the background color of an element to Hex D53F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D53F80 }
```

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

```
.background{ background-color:#D53F80 }
```

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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