

Converting Colors

Hex(D03D8F)

Have a look what the booklet for
Hex(D03D8F) contains.

Hex(D03D8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D03D8F)

Conversions

Conversions Part 1

Format	Color
Hex	D03D8F
RGB	208, 61, 143
RGB Percent	82%, 24%, 56%
CMY	0.1843, 0.7608, 0.4392
CMYK	0.00, 0.71, 0.31, 0.18
HSL	327°, 61%, 53%
HSV	327°, 71%, 82%
XYZ	32.6391, 18.7306, 27.8817
YIQ	114.3010, 61.2900, 56.6660

Conversions

Conversions Part 2

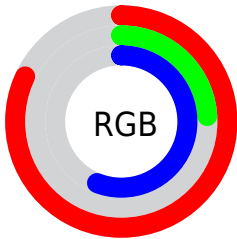
Format	Color
R_{YB}	208, 61, 143
Decimal	13647247
CIE _{Lab}	50.37, 64.06, -12.57
CIE _{LCh}	50, 65.278, 348.896
Yxy	18.7306, 0.4118, 0.2363
Android (android.graphics.Color)	4291837327 (0xFFD03D8F)
YUV	114.3010, 14.1486, 82.1740
Hunter-Lab	43.2788, 58.8794, -7.9015

Details

The Hex color **D03D8F** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3DD07E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF77C5**, and **95005D** is the 20% darker color. If you saturate the color by 10%, you get **D02886**, and if you desaturate by 10%, it is **D05298**.

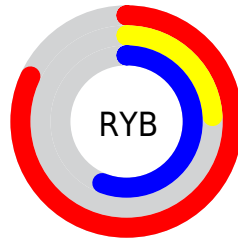
Distribution



Red (82%)

Green (24%)

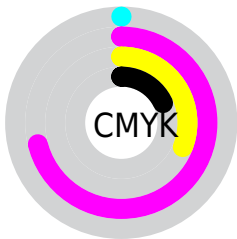
Blue (56%)



Red (82%)

Yellow (24%)

Blue (56%)

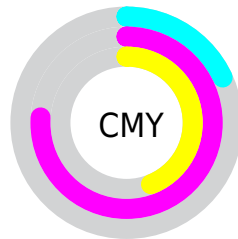


Cyan (0%)

Magenta (71%)

Yellow (31%)

Black (18%)



Cyan (18%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color D03D8F 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 D03D8F by changing the saturation by 10% instead.

 D03D8F

 D03D8F

FFFFFF

 B21975

 FF77C5

 95005D

 FF94E1

 780045

 FFB1FD

 5C002F

 FFCEFF

 42001B

 FFE8FF

 240001

 000000

 D03D8F

 D03D8F

 D02886

 D05298

 D0137D

 D067A1

 D00074

 D07BAB

 D090B4

 D0A5BD

 D0BAC6

 D0CFCF

 D0E3D9

 D0F8E2

Harmonies

Analogous

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



A557C2



D03D8F



D93C57

Triad

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



D03D8F



6F8000



008ECB

Complementary

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



D03D8F



3DD07E

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.



00919A



D03D8F



208A27

Square

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



D03D8F



A26E00



008F61



0085E6

Rectangle

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



D03D8F



CF4C35



008F61



008FBD

Sweetspot

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



D03D8F



FFC9E7



7D3DD0



806071



000000



808080

Same Dimension

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



D03D8F



FF269F



D03D47



695E64



A8005E



290017

Inverse Universe

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



D03D8F



FF269F



3DD0C6



695E64



A8005E



290017

Previews

White Background



This preview shows how the Hex color D03D8F looks on a white background.

Color Contrast Check

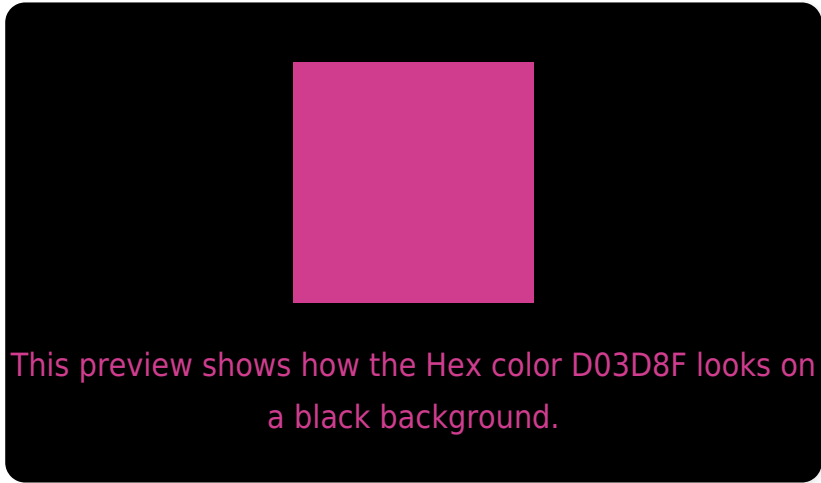
Large Text (above 18pt) WCAG AA ✓ Pass

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 D03D8F Background



This preview shows how black text looks on a background with the Hex color D03D8F.

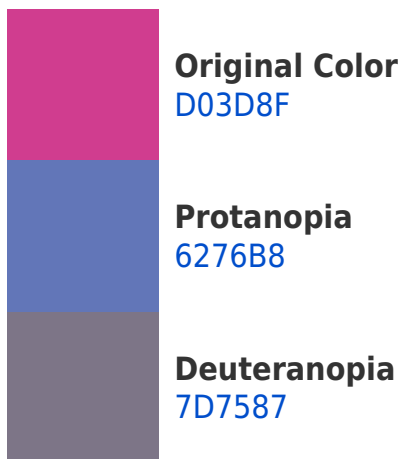


This preview shows how white text looks on a background with the Hex color D03D8F.

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



Trichromacy



Original Color
D03D8F



Protanomaly
8A61A9



Deuteranomaly
9B618A

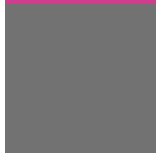


Tritanomaly
CD4768

Monochromacy



Original Color
D03D8F



Achromatopsia
727272



Achromatomaly
945F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex D03D8F 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 #D03D8F looks like.

```
.text, #text, p{  
    color:#D03D8F  
}
```

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 #D03D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D03D8F
}
```

Border

The CSS property to change the border of an element to Hex D03D8F 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
#D03D8F }
```

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

```
.border{ border-color:#D03D8F }
```

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

Here you see how a box with a 4 pixel #D03D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D03D8F; -webkit-box-shadow:4px 4px  
4px 4px #D03D8F; box-shadow:4px 4px 4px  
4px #D03D8F }
```

Background

The CSS property to change the background color of an element to Hex D03D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D03D8F }
```

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

```
.background{ background-color:#D03D8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor