

# Converting Colors

Hex(DF16A3)

Have a look what the booklet for  
Hex(DF16A3) contains.

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**Color**

**Hex(DF16A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF16A3
RGB	223, 22, 163
RGB Percent	87%, 9%, 64%
CMY	0.1255, 0.9137, 0.3608
CMYK	0.00, 0.90, 0.27, 0.13
HSL	318°, 82%, 48%
HSV	318°, 90%, 87%
XYZ	37.3292, 18.9061, 36.3321
YIQ	98.1730, 74.5350, 86.4630

# Conversions

## Conversions Part 2

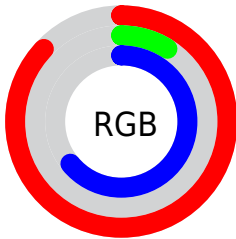
Format	Color
R <sub>Y</sub> B	223, 22, 163
Decimal	14620323
CIE Lab	50.58, 79.19, -23.93
CIE LCh	51, 82.729, 343.185
Yxy	18.9061, 0.4033, 0.2042
Android (android.graphics.Color)	4292810403 (0xFFDF16A3)
YUV	98.1730, 31.9597, 109.4733
Hunter-Lab	43.4812, 77.1526, -19.1048

# Details

The Hex color **DF16A3** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **16DF52**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF64DA**, and **A3006F** is the 20% darker color. If you saturate the color by 10%, you get **DF009C**, and if you desaturate by 10%, it is **DF2CAA**.

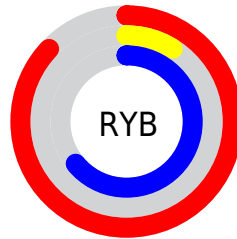
# Distribution



Red (87%)

Green (9%)

Blue (64%)



Red (87%)

Yellow (9%)

Blue (64%)

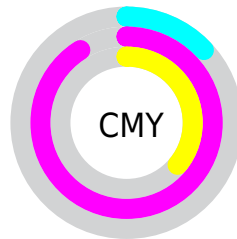


Cyan (0%)

Magenta (90%)

Yellow (27%)

Black (13%)



Cyan (13%)

Magenta (91%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF16A3 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 DF16A3 by changing the saturation by 10% instead.



 DF16A3

 DF16A3

FFFFFF

 C10089

 FF64DA

 A3006F

 FF83F7

 850056

 FFA1FF

 68003F

 FFBFFF

 4D0029

 FFDDFF

 2F0012

 FFFBFF

 000000

 DF16A3

 DF16A3

 DF009C

 DF2CAA

 DF43B0

 DF59B7

 DF6FBE

 DF86C4

 DF9CCB

 DFB2D2

 DFC8D8

 DFDFDF

# Harmonies

## Analogous

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



9F53E1



DF16A3



F0005D

# Triad

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



DF16A3



767F00



0094D9

# Complementary

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



DF16A3



16DF52

# 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.



009697



DF16A3



008D00

# Square

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



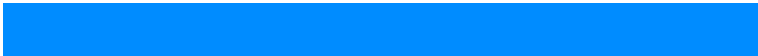
DF16A3



B26600



00934C



008CFF

# Rectangle

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



DF16A3



E72A2F



00934C



0095C5



# Sweetspot

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



DF16A3



FFBAEA



4F16DF



805773



000000



808080



# Same Dimension

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



DF16A3



FF00B3



DF1642



70656D



B0007B



300022



# Inverse Universe

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



DF16A3



FF00B3



16DFB3



70656D



B0007B



300022



# Previews

## White Background



This preview shows how the Hex color DF16A3 looks on a white background.

## Color Contrast Check

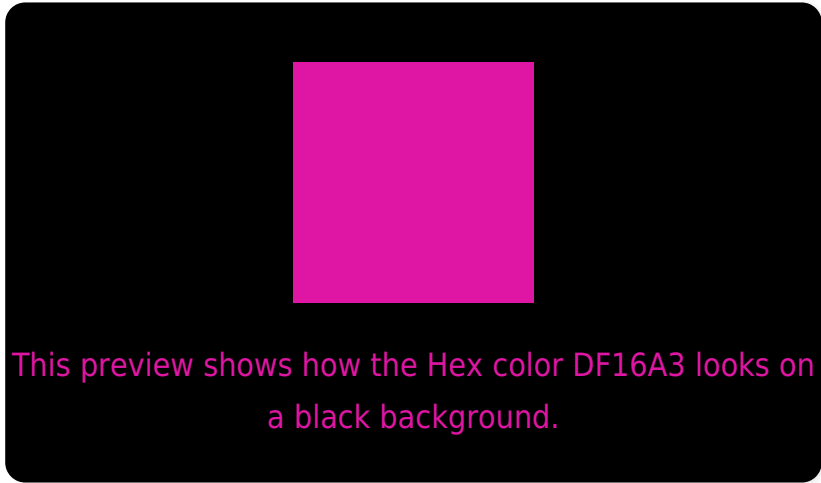
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF16A3 Background



This preview shows how black text looks on a background with the Hex color DF16A3.

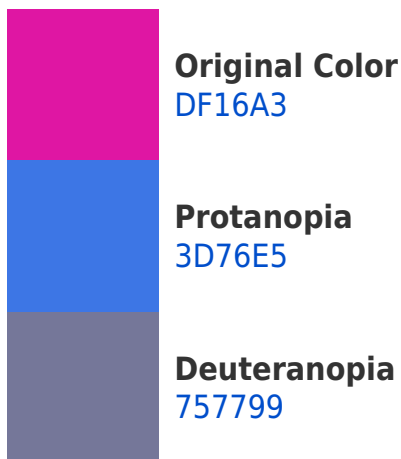



This preview shows how white text looks on a background with the Hex color DF16A3.

# 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**  
D84346

# Trichromacy



**Original Color**  
DF16A3



**Protanomaly**  
7853CD



**Deuteranomaly**  
9C549D



**Tritanomaly**  
DB3368

# Monochromacy



**Original Color**  
DF16A3



**Achromatopsia**  
626262



**Achromatomaly**  
8F467A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF16A3 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 #DF16A3 looks like.

```
.text, #text, p{  
    color:#DF16A3  
}
```

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 #DF16A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF16A3
}
```

## Border

The CSS property to change the border of an element to Hex DF16A3 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
#DF16A3 }
```

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

```
.border{ border-color:#DF16A3 }
```

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

Here you see how a box with a 4 pixel #DF16A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF16A3; -webkit-box-shadow:4px 4px  
4px 4px #DF16A3; box-shadow:4px 4px 4px  
4px #DF16A3 }
```

# Background

The CSS property to change the background color of an element to Hex DF16A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF16A3 }
```

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

```
.background{ background-color:#DF16A3 }
```

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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