

# Converting Colors

Hex(DF63B6)

Have a look what the booklet for  
Hex(DF63B6) contains.

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# **Color**

**Hex(DF63B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF63B6
RGB	223, 99, 182
RGB Percent	87%, 39%, 71%
CMY	0.1255, 0.6118, 0.2863
CMYK	0.00, 0.56, 0.18, 0.13
HSL	320°, 66%, 63%
HSV	320°, 56%, 87%
XYZ	43.3368, 27.9891, 47.3743
YIQ	145.5380, 47.2610, 52.1010

# Conversions

## Conversions Part 2

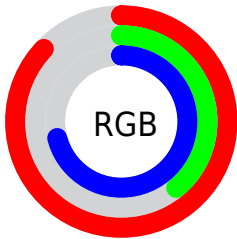
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 99, 182
Decimal	14640054
CIE Lab	59.88, 57.77, -20.72
CIE LCh	60, 61.377, 340.265
Yxy	27.9891, 0.3651, 0.2358
Android (android.graphics.Color)	4292830134 (0xFFDF63B6)
YUV	145.5380, 17.9758, 67.9342
Hunter-Lab	52.9047, 53.6347, -16.0588

# Details

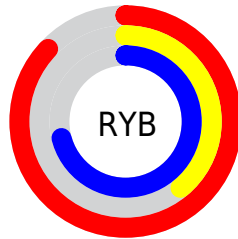
The Hex color **DF63B6** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **63DF8C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9BEE**, and **A52981** is the 20% darker color. If you saturate the color by 10%, you get **DF4DAF**, and if you desaturate by 10%, it is **DF79BD**.

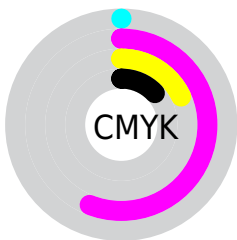
# Distribution



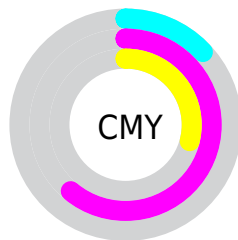
- Red (87%)
- Green (39%)
- Blue (71%)



- Red (87%)
- Yellow (39%)
- Blue (71%)



- Cyan (0%)
- Magenta (56%)
- Yellow (18%)
- Black (13%)



- Cyan (13%)
- Magenta (61%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF63B6 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 DF63B6 by changing the saturation by 10% instead.



DF63B6

DF63B6

FFFFFF

C2479B

FF9BEE

A52981

FFB7FF

890068

FFD4FF

6D004F

FFF1FF

520038

3A0023

1A0009

000000

DF63B6

DF63B6

 DF4DAF

 DF79BD

 DF36A7

 DF90C5

 DF20A0

 DFA6CC

 DF0A99

 DFBCD3

 DF0095

 DFD3DB

 DFE9E2

 DFFFEA

 DFFFF1

 DFFFF8

# Harmonies

## Analogous

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



AA7AE3



DF63B6



F25C80

# Triad

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



DF63B6



9A9413



00A8D5

# Complementary

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



DF63B6



63DF8C

# 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.



00AAA2



DF63B6



5FA037

# Square

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



DF63B6



C88023



00A76A



00A0F6

# Rectangle

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



DF63B6



EE645D



00A76A



00A9C5



# Sweetspot

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



DF63B6



FFD4F1



8A63DF



806677



000000



808080



# Same Dimension

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



DF63B6



FF54C7



DF637A



70656C



B00076



300020



# Inverse Universe

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



DF63B6



FF54C7



63DFC8



70656C



B00076



300020



# Previews

## White Background



This preview shows how the Hex color DF63B6 looks on a white background.

## Color Contrast Check

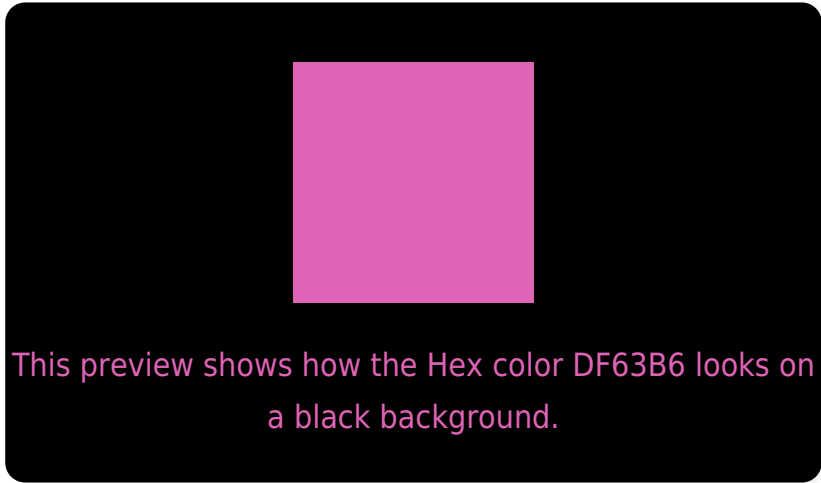
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF63B6 Background



This preview shows how black text looks on a background with the Hex color DF63B6.

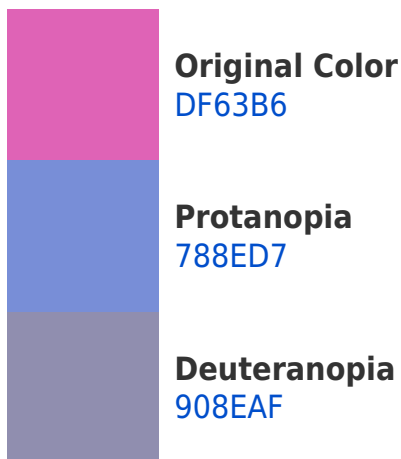


This preview shows how white text looks on a background with the Hex color DF63B6.

# 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**  
D97179

# Trichromacy



**Original Color**  
DF63B6



**Protanomaly**  
9D7ECB



**Deuteranomaly**  
AD7EB2



**Tritanomaly**  
DB6C8F

# Monochromacy



**Original Color**  
DF63B6



**Achromatopsia**  
929292



**Achromatomaly**  
AE819F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF63B6 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 #DF63B6 looks like.

```
.text, #text, p{  
    color:#DF63B6  
}
```

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 #DF63B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF63B6  
}
```

## Border

The CSS property to change the border of an element to Hex DF63B6 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  
#DF63B6 }
```

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

```
.border{ border-color:#DF63B6 }
```

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

Here you see how a box with a 4 pixel #DF63B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF63B6; -webkit-box-shadow:4px 4px  
4px 4px #DF63B6; box-shadow:4px 4px 4px  
4px #DF63B6 }
```

# Background

The CSS property to change the background color of an element to Hex DF63B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF63B6 }
```

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

```
.background{ background-color:#DF63B6 }
```

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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