

# Converting Colors

Hex(DF66A6)

Have a look what the booklet for  
Hex(DF66A6) contains.

<b>Hex(DF66A6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(DF66A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF66A6
RGB	223, 102, 166
RGB Percent	87%, 40%, 65%
CMY	0.1255, 0.6000, 0.3490
CMYK	0.00, 0.54, 0.26, 0.13
HSL	328°, 65%, 64%
HSV	328°, 54%, 87%
XYZ	42.0657, 27.9439, 39.2530
YIQ	145.4750, 51.5720, 45.5560

# Conversions

## Conversions Part 2

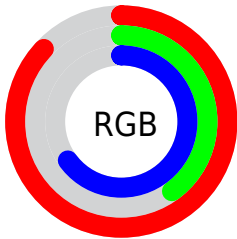
Format	Color
R <sub>Y</sub> B	223, 102, 166
Decimal	14640806
CIE Lab	59.84, 54.15, -11.59
CIE LCh	60, 55.374, 347.922
Yxy	27.9439, 0.3850, 0.2557
Android (android.graphics.Color)	4292830886 (0xFFDF66A6)
YUV	145.4750, 10.1188, 67.9894
Hunter-Lab	52.8620, 49.5356, -7.0228

# Details

The Hex color **DF66A6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66DF9F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9DDD**, and **A52E72** is the 20% darker color. If you saturate the color by 10%, you get **DF509B**, and if you desaturate by 10%, it is **DF7CB1**.

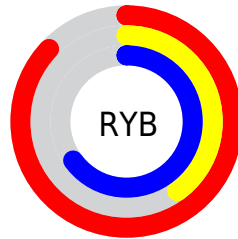
# Distribution



Red (87%)

Green (40%)

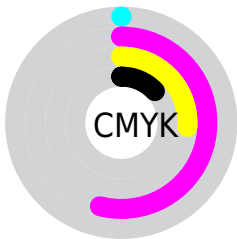
Blue (65%)



Red (87%)

Yellow (40%)

Blue (65%)

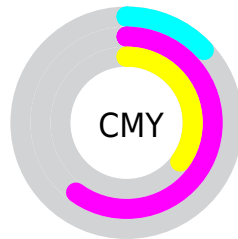


Cyan (0%)

Magenta (54%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (60%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF66A6 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 DF66A6 by changing the saturation by 10% instead.



DF66A6

DF66A6

FFFFFF

C24B8C

FF9DDD

A52E72

FFB9FA

88085A

FFD6FF

6D0042

FFF3FF

51002C

390018

160000

000000

DF66A6

DF66A6

 DF509B

 DF7CB1

 DF3991

 DF93BB

 DF2386

 DFA9C6

 DF0D7C

 DFBFD0

 DF0076

 DFD6DB

 DFECE5

 DFFFF0

 DFFFFA

 DFFFFFF

# Harmonies

## Analogous

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



B877D2



DF66A6



E96575

# Triad

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



DF66A6



8E972B



00A4D8

# Complementary

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



DF66A6



66DF9F

# 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.



00A8AD



DF66A6



55A14B

# Square

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



DF66A6



BB872B



00A77A



009BEF

# Rectangle

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



DF66A6



E26D57



00A77A



00A6CB



# Sweetspot

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



DF66A6



FFD6EC



9E66DF



806774



000000



808080



# Same Dimension

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



DF66A6



FF59B1



DF666A



70656B



B0005D



30001A



# Inverse Universe

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



DF66A6



FF59B1



66DFDB



70656B



B0005D



30001A



# Previews

## White Background



This preview shows how the Hex color DF66A6 looks on a white background.

## Color Contrast Check

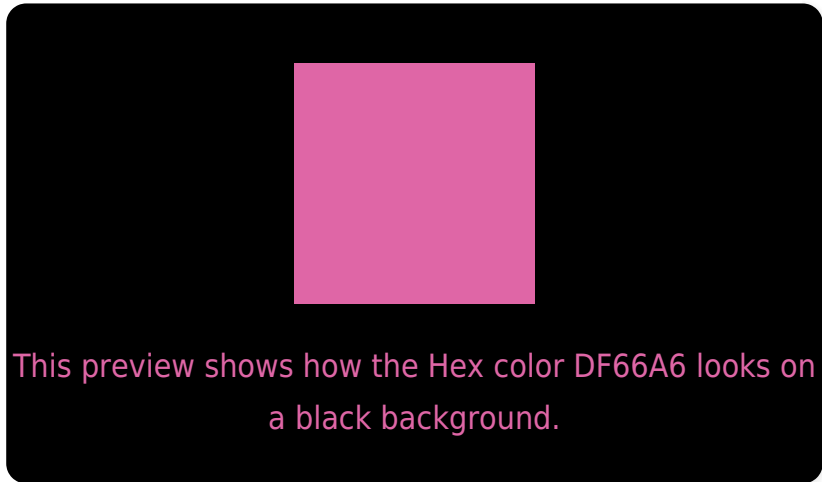
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF66A6 Background



This preview shows how black text looks on a background with the Hex color DF66A6.

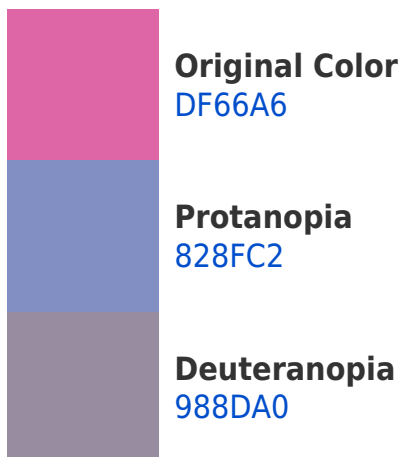


This preview shows how white text looks on a background with the Hex color DF66A6.

# 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**  
DB7078

# Trichromacy



**Original Color**  
DF66A6



**Protanomaly**  
A480B8



**Deuteranomaly**  
B27FA2

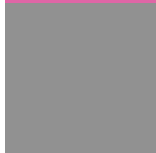


**Tritanomaly**  
DC6C89

# Monochromacy



**Original Color**  
DF66A6



**Achromatopsia**  
919191



**Achromatomaly**  
AD8199

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF66A6 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 #DF66A6 looks like.

```
.text, #text, p{  
    color:#DF66A6  
}
```

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 #DF66A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF66A6
}
```

## Border

The CSS property to change the border of an element to Hex DF66A6 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
#DF66A6 }
```

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

```
.border{ border-color:#DF66A6 }
```

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

Here you see how a box with a 4 pixel #DF66A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF66A6; -webkit-box-shadow:4px 4px  
4px 4px #DF66A6; box-shadow:4px 4px 4px  
4px #DF66A6 }
```

# Background

The CSS property to change the background color of an element to Hex DF66A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF66A6 }
```

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

```
.background{ background-color:#DF66A6 }
```

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