

# Converting Colors

Hex(DF6184)

Have a look what the booklet for  
Hex(DF6184) contains.

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# **Color**

**Hex(DF6184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF6184
RGB	223, 97, 132
RGB Percent	87%, 38%, 52%
CMY	0.1255, 0.6196, 0.4824
CMYK	0.00, 0.57, 0.41, 0.13
HSL	343°, 66%, 63%
HSV	343°, 57%, 87%
XYZ	38.8710, 25.9033, 24.7809
YIQ	138.6640, 63.8610, 37.5970

# Conversions

## Conversions Part 2

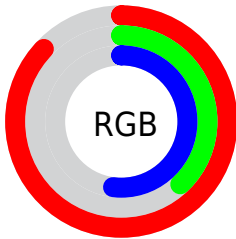
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 97, 132
Decimal	14639492
CIE <sub>Lab</sub>	57.95, 52.41, 5.38
CIE <sub>LCh</sub>	58, 52.682, 5.864
Yxy	25.9033, 0.4340, 0.2892
Android (android.graphics.Color)	4292829572 (0xFFDF6184)
YUV	138.6640, -3.2854, 73.9627
Hunter-Lab	50.8953, 47.2616, 6.7584

# Details

The Hex color **DF6184** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **61DFBC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF98B9**, and **A42953** is the 20% darker color. If you saturate the color by 10%, you get **DF4B74**, and if you desaturate by 10%, it is **DF7794**.

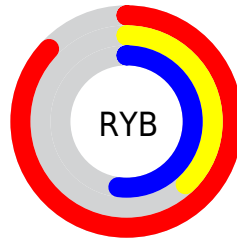
# Distribution



Red (87%)

Green (38%)

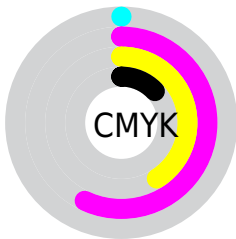
Blue (52%)



Red (87%)

Yellow (38%)

Blue (52%)

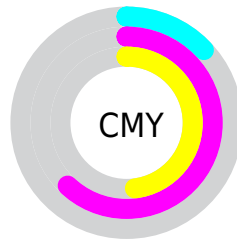


Cyan (0%)

Magenta (57%)

Yellow (41%)

Black (13%)



Cyan (13%)

Magenta (62%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF6184 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 DF6184 by changing the saturation by 10% instead.



 DF6184

 DF6184

FFFFFF

 C1466B

 FF98B9

 A42953

 FFB4D5

 87003C

 FFD0F1

 6A0026

 FFEEFF

 4E0012

 350002

 010000

 000000

 DF6184

 DF6184

 DF4B74

 DF7794

 DF3464

 DF8EA4

 DF1E54

 DFA4B4

 DF0844

 DFBAC4

 DF003E

 DFD1D5

 DFE7E5

 DFFDF5

 DFFFFFF

# Harmonies

## Analogous

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



CA69B2



DF6184



DA6A58

# Triad

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



DF6184



6B983C



009ADF

# Complementary

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



DF6184



61DFBC

# 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.



00A0C0



DF6184



199F64

# Square

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



DF6184



9C8C28



00A293



3C8DE7

# Rectangle

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



DF6184



CC753F



00A293



009DD7



# Sweetspot

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



DF6184



FFD4E0



BB61DF



80666D



000000



808080



# Same Dimension

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



DF6184



FF5282



DF7C61



706568



B00031



30000D



# Inverse Universe

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



DF6184



FF5282



61C4DF



706568



B00031



30000D



# Previews

## White Background



This preview shows how the Hex color DF6184 looks on a white background.

## Color Contrast Check

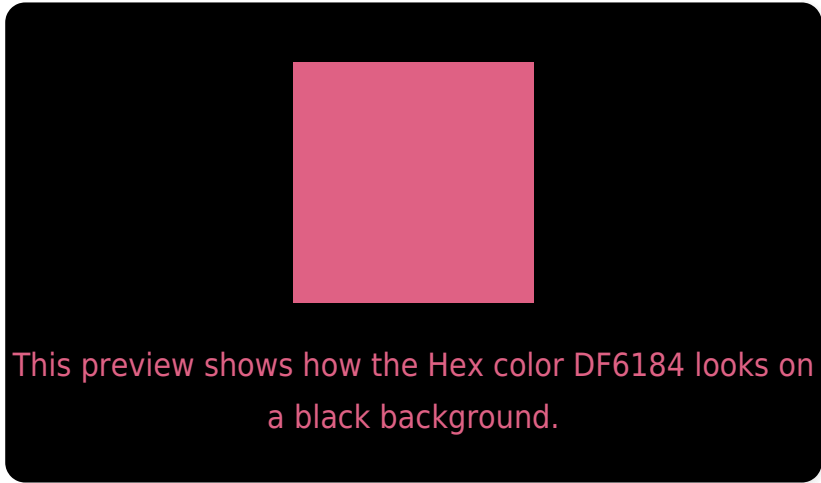
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF6184 Background



This preview shows how black text looks on a background with the Hex color DF6184.




This preview shows how white text looks on a background with the Hex color DF6184.

# 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**  
DD656C

# Trichromacy



**Original Color**  
DF6184



**Protanomaly**  
A87C93



**Deuteranomaly**  
B67980

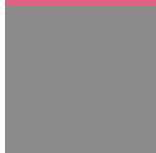


**Tritanomaly**  
DE6475

# Monochromacy



**Original Color**  
DF6184



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
AA7C88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF6184 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 #DF6184 looks like.

```
.text, #text, p{  
    color:#DF6184  
}
```

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 #DF6184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF6184
}
```

## Border

The CSS property to change the border of an element to Hex DF6184 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
#DF6184 }
```

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

```
.border{ border-color:#DF6184 }
```

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

Here you see how a box with a 4 pixel #DF6184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF6184; -webkit-box-shadow:4px 4px  
4px 4px #DF6184; box-shadow:4px 4px 4px  
4px #DF6184 }
```

# Background

The CSS property to change the background color of an element to Hex DF6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF6184 }
```

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

```
.background{ background-color:#DF6184 }
```

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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