

# Converting Colors

Hex(DF1F68)

Have a look what the booklet for  
Hex(DF1F68) contains.

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# Color

**Hex(DF1F68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF1F68
RGB	223, 31, 104
RGB Percent	87%, 12%, 41%
CMY	0.1255, 0.8784, 0.5922
CMYK	0.00, 0.86, 0.53, 0.13
HSL	337°, 76%, 50%
HSV	337°, 86%, 87%
XYZ	33.4201, 17.6674, 14.7454
YIQ	96.7300, 90.9990, 63.4070

# Conversions

## Conversions Part 2

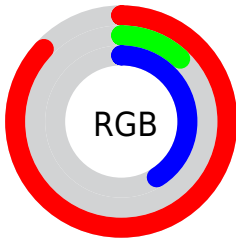
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 31, 104
Decimal	14622568
CIE Lab	49.09, 72.35, 9.52
CIE LCh	49, 72.969, 7.495
Yxy	17.6674, 0.5077, 0.2684
Android (android.graphics.Color)	4292812648 (0xFFDF1F68)
YUV	96.7300, 3.5841, 110.7388
Hunter-Lab	42.0326, 68.3680, 8.6234

# Details

The Hex color **DF1F68** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **1FDF96**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF659B**, and **A1003A** is the 20% darker color. If you saturate the color by 10%, you get **DF095A**, and if you desaturate by 10%, it is **DF3576**.

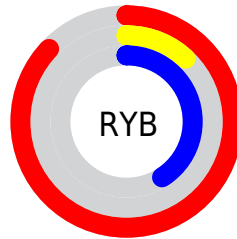
# Distribution



Red (87%)

Green (12%)

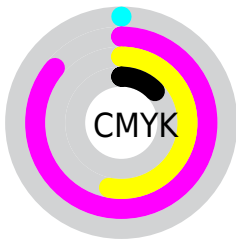
Blue (41%)



Red (87%)

Yellow (12%)

Blue (41%)

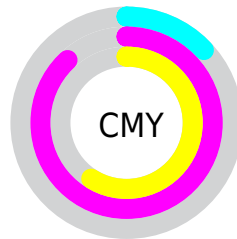


Cyan (0%)

Magenta (86%)

Yellow (53%)

Black (13%)



Cyan (13%)

Magenta (88%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF1F68 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 DF1F68 by changing the saturation by 10% instead.



 DF1F68

 DF1F68

FFFFFF

 C00050

 FF659B

 A1003A

 FF83B6

 820025

 FFA1D1

 64000F

 FFBEED

 470004

 FFDCFF

 270001

 FFFAFF

 000000

 DF1F68

 DF1F68

 DF095A

 DF3576

 DF0055

 DF4C84

 DF6291

 DF789F

 DF8FAD

 DFA5BB

 DFBBC9

 DFD1D7

 DFE8E4

# Harmonies

## Analogous

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



C836A5



DF1F68



D53E2C

# Triad

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



DF1F68



3A8500



0088E8

# Complementary

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



DF1F68



1FDF96

# 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.



008EBF



DF1F68



008C42

# Square

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



DF1F68



807700



008F83



0078F1

# Rectangle

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



DF1F68



C05500



008F83



008BDD



# Sweetspot

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



DF1F68



FFBDD6



951FDF



805867



000000



808080



# Same Dimension

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



DF1F68



FF0061



DF351F



706569



B00043



300012



# Inverse Universe

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



DF1F68



FF0061



1FC9DF



706569



B00043



300012



# Previews

## White Background



This preview shows how the Hex color DF1F68 looks on a white background.

## Color Contrast Check

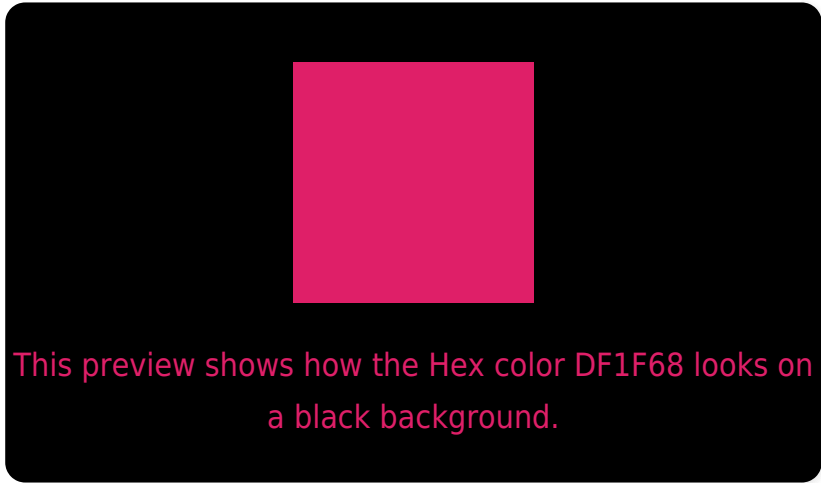
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 DF1F68 Background



This preview shows how black text looks on a background with the Hex color DF1F68.

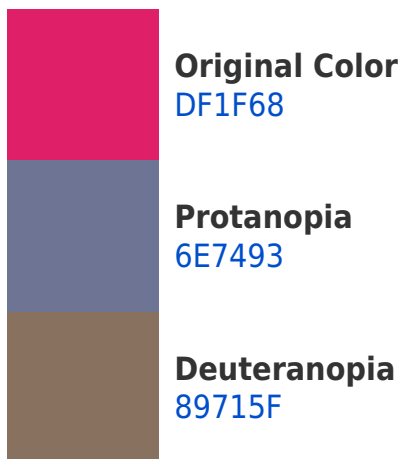


This preview shows how white text looks on a background with the Hex color DF1F68.

# 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**  
DF1F68



**Protanomaly**  
975583



**Deuteranomaly**  
A85362

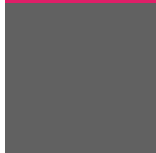


**Tritanomaly**  
DE2A46

# Monochromacy



**Original Color**  
DF1F68



**Achromatopsia**  
616161



**Achromatomaly**  
8F4964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF1F68 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 #DF1F68 looks like.

```
.text, #text, p{  
    color:#DF1F68  
}
```

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 #DF1F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF1F68
}
```

## Border

The CSS property to change the border of an element to Hex DF1F68 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
#DF1F68 }
```

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

```
.border{ border-color:#DF1F68 }
```

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

Here you see how a box with a 4 pixel #DF1F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF1F68; -webkit-box-shadow:4px 4px  
4px 4px #DF1F68; box-shadow:4px 4px 4px  
4px #DF1F68 }
```

# Background

The CSS property to change the background color of an element to Hex DF1F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF1F68 }
```

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

```
.background{ background-color:#DF1F68 }
```

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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