

# Converting Colors

Hex(FD1038)

Have a look what the booklet for  
Hex(FD1038) contains.

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**Color**

**Hex(FD1038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FD1038
RGB	253, 16, 56
RGB Percent	99%, 6%, 22%
CMY	0.0078, 0.9373, 0.7804
CMYK	0.00, 0.94, 0.78, 0.01
HSL	350°, 98%, 53%
HSV	350°, 94%, 99%
XYZ	41.4071, 21.5388, 5.7164
YIQ	91.4230, 128.4120, 62.6840

# Conversions

## Conversions Part 2

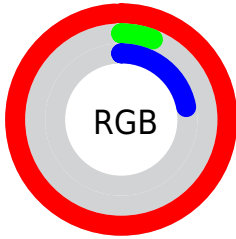
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 16, 56
Decimal	16584760
CIE Lab	53.53, 79.32, 45.00
CIE LCh	54, 91.196, 29.566
Yxy	21.5388, 0.6031, 0.3137
Android (android.graphics.Color)	4294774840 (0xFFFD1038)
YUV	91.4230, -17.4635, 141.7030
Hunter-Lab	46.4099, 78.0413, 25.1841

# Details

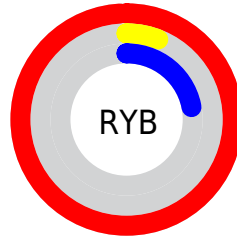
The Hex color **FD1038** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **10FDD5**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6468**, and **BB000E** is the 20% darker color. If you saturate the color by 10%, you get **FD002B**, and if you desaturate by 10%, it is **FD294D**.

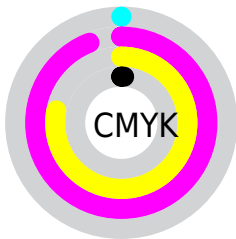
# Distribution



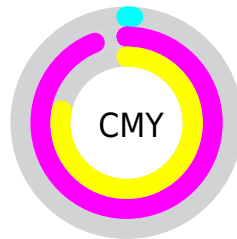
- Red (99%)
- Green (6%)
- Blue (22%)



- Red (99%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (94%)
- Yellow (78%)
- Black (1%)



- Cyan (1%)
- Magenta (94%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD1038 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 FD1038 by changing the saturation by 10% instead.



 FD1038

 FD1038

FFFFFF

 DC0022

 FF6468

 BB000E

 FF8381

 9A0000

 FFA29B

 790001

 FFC0B6

 5A0003

 FFDED2

 3B0002

 FFFDEE

 130000

 000000

 FD1038

 FD1038

 FD002B

 FD294D

 FD4362

 FD5C77

 FD758C

 FD8EA1

 FDA8B6

 FDC1CB

 FDDAE0

 FDF4F5

# Harmonies

## Analogous

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



FF0085



FD1038



D85900

# Triad

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



FD1038



009B25



008BFF

# Complementary

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



FD1038



10FDD5

# 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.



009BFF



FD1038



009F7D

# Square

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



FD1038



4C9100



00A0CC



696BFF

# Rectangle

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



FD1038



B27300



00A0CC



0092FF



# Sweetspot

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



FD1038



FFB8C4



D210FD



80545B



000000



808080



# Same Dimension

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



FD1038



FF002B



FD5B10



807375



BF0020



40000B



# Inverse Universe

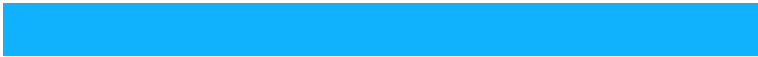
The Inverse Universe completely reimagines the original color for something new.



FD1038



FF002B



10B2FD



807375



BF0020



40000B



# Previews

## White Background



This preview shows how the Hex color FD1038 looks on a white background.

## Color Contrast Check

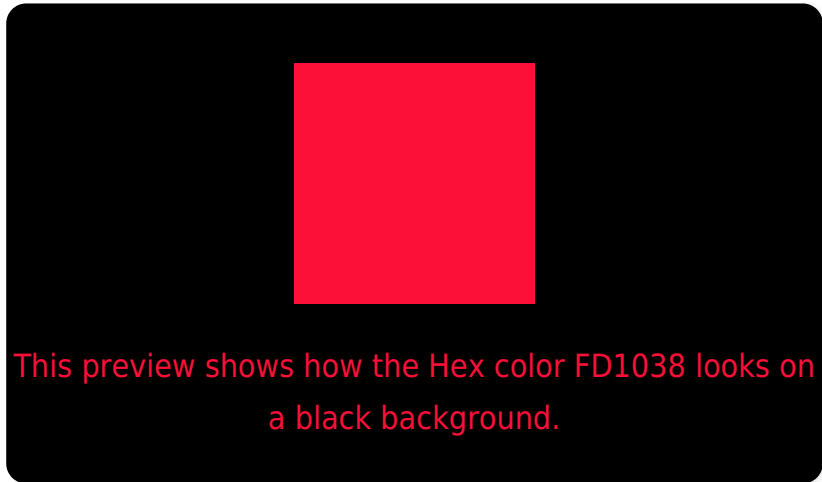
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD1038 Background



This preview shows how black text looks on a background with the Hex color FD1038.



This preview shows how white text looks on a background with the Hex color FD1038.

# 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



**Original Color**  
FD1038

**Protanopia**  
8C8155

**Deuteranopia**  
A17A28



# Trichromacy



**Original Color**  
FD1038



**Protanomaly**  
B5584A



**Deuteranomaly**  
C2532E



**Tritanomaly**  
FC1720

# Monochromacy



**Original Color**  
FD1038



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
96404E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD1038 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 #FD1038 looks like.

```
.text, #text, p{  
    color:#FD1038  
}
```

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 #FD1038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD1038
}
```

## Border

The CSS property to change the border of an element to Hex FD1038 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
#FD1038 }
```

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

```
.border{ border-color:#FD1038 }
```

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

Here you see how a box with a 4 pixel #FD1038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD1038; -webkit-box-shadow:4px 4px  
4px 4px #FD1038; box-shadow:4px 4px 4px  
4px #FD1038 }
```

# Background

The CSS property to change the background color of an element to Hex FD1038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD1038 }
```

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

```
.background{ background-color:#FD1038 }
```

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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