

# Converting Colors

Hex(FF0A58)

Have a look what the booklet for  
Hex(FF0A58) contains.

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**Color**

**Hex(F0A58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0A58
RGB	255, 10, 88
RGB Percent	100%, 4%, 35%
CMY	0.0000, 0.9608, 0.6549
CMYK	0.00, 0.96, 0.65, 0.00
HSL	341°, 100%, 52%
HSV	341°, 96%, 100%
XYZ	43.1100, 22.1817, 11.2419
YIQ	92.1470, 120.9820, 76.1980

# Conversions

## Conversions Part 2

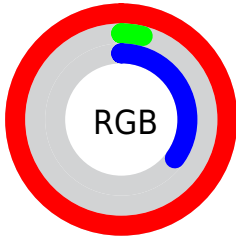
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 10, 88
Decimal	16714328
CIELab	54.22, 81.49, 27.24
CIElCh	54, 85.927, 18.484
Yxy	22.1817, 0.5633, 0.2898
Android (android.graphics.Color)	4294904408 (0xFFFF0A58)
YUV	92.1470, -2.0445, 142.8221
Hunter-Lab	47.0974, 80.9671, 18.8160

# Details

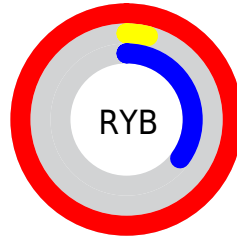
The Hex color **FF0A58** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **0AFFB1**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6489**, and **BE002C** is the 20% darker color. If you saturate the color by 10%, you get **FF0051**, and if you desaturate by 10%, it is **FF2369**.

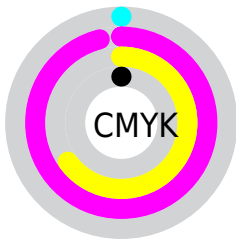
# Distribution



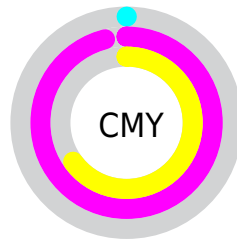
- Red (100%)
- Green (4%)
- Blue (35%)



- Red (100%)
- Yellow (4%)
- Blue (35%)



- Cyan (0%)
- Magenta (96%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF0A58 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 FF0A58 by changing the saturation by 10% instead.



 FF0A58

 FF0A58

FFFFFF

 DE0041

 FF6489

 BE002C

 FF84A4

 9D0018

 FFA2BF

 7D0001

 FFC1DA

 5E0004

 FFDF7

 3E0003

FFFEFF

 1B0001

 000000

 FF0A58

 FF0A58

 FF0051

 FF2369

 FF3D7B

 FF578C

 FF709E

 FF8AAF

 FFA3C0

 FFBDD2

 FFD6E3

 FFF0F4

# Harmonies

## Analogous

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



F40EA2



FF0A58



E64D02

# Triad

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



FF0A58



009900



0093FF

# Complementary

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



FF0A58



0AFFB1

# 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.



009EF1



FF0A58



009F61

# Square

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



FF0A58



728C00



00A1AF



007BFF

# Rectangle

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



FF0A58



C76900



00A1AF



0098FF



# Sweetspot

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



FF0A58



FFB5CD



AD0AFF



805361



000000



808080



# Same Dimension

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



FF0A58



FF0051



FF330A



807377



BF003D



400014



# Inverse Universe

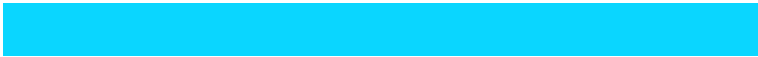
The Inverse Universe completely reimagines the original color for something new.



FF0A58



FF0051



0AD6FF



807377



BF003D



400014



# Previews

## White Background



This preview shows how the Hex color FF0A58 looks on a white background.

## Color Contrast Check

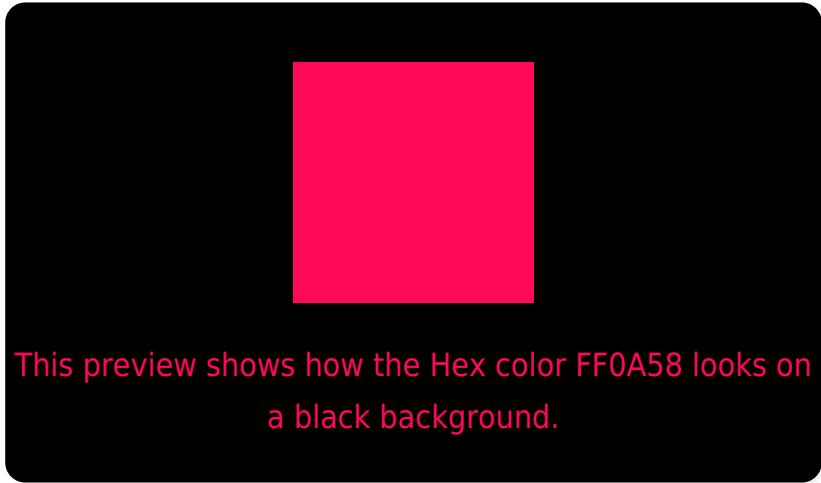
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0A58 Background



This preview shows how black text looks on a background with the Hex color FF0A58.

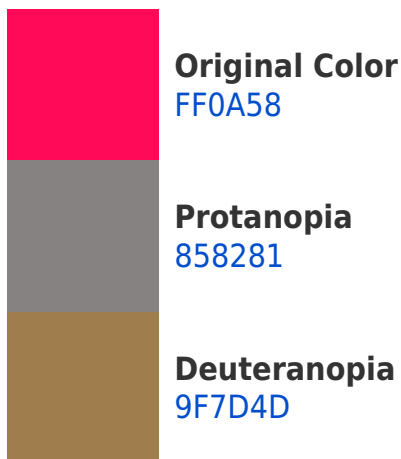


This preview shows how white text looks on a background with the Hex color FF0A58.

# 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**  
FF0A58



**Protanomaly**  
B15672



**Deuteranomaly**  
C25351



**Tritanomaly**  
FE1B35

# Monochromacy



**Original Color**  
FF0A58



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
973E5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF0A58 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 #FF0A58 looks like.

```
.text, #text, p{  
    color:#FF0A58  
}
```

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 #FF0A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0A58
}
```

## Border

The CSS property to change the border of an element to Hex FF0A58 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
#FF0A58 }
```

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

```
.border{ border-color:#FF0A58 }
```

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

Here you see how a box with a 4 pixel #FF0A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0A58; -webkit-box-shadow:4px 4px  
4px 4px #FF0A58; box-shadow:4px 4px 4px  
4px #FF0A58 }
```

# Background

The CSS property to change the background color of an element to Hex FF0A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0A58 }
```

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

```
.background{ background-color:#FF0A58 }
```

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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