

# Converting Colors

Hex(FF0A91)

Have a look what the booklet for  
Hex(FF0A91) contains.

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**Color**

**Hex(F0A91)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF0A91                     |
| RGB         | 255, 10, 145               |
| RGB Percent | 100%, 4%, 57%              |
| CMY         | 0.0000, 0.9608, 0.4314     |
| CMYK        | 0.00, 0.96, 0.43, 0.00     |
| HSL         | 327°, 100%, 52%            |
| HSV         | 327°, 96%, 100%            |
| XYZ         | 46.4594, 23.5214, 28.8795  |
| YIQ         | 98.6450, 102.6850, 93.9250 |

# Conversions

## Conversions Part 2

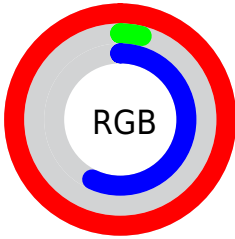
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 10, 145                  |
| Decimal                             | 16714385                      |
| CIE <sub>Lab</sub>                  | 55.61, 85.22, -5.04           |
| CIE <sub>LCh</sub>                  | 56, 85.371, 356.613           |
| Yxy                                 | 23.5214, 0.4699,<br>0.2379    |
| Android<br>(android.graphics.Color) | 4294904465<br>(0xFFFF0A91)    |
| YUV                                 | 98.6450, 22.8530,<br>137.1233 |
| Hunter-Lab                          | 48.4989, 86.1206,<br>-1.3560  |

# Details

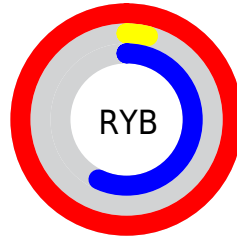
The Hex color **FF0A91** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **0AFF78**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF66C7**, and **C0005F** is the 20% darker color. If you saturate the color by 10%, you get **FF008D**, and if you desaturate by 10%, it is **FF239C**.

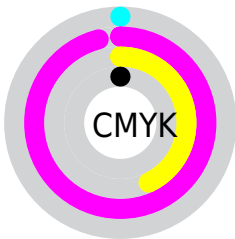
# Distribution



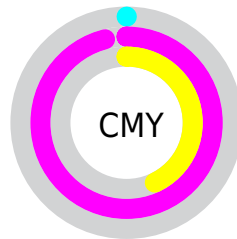
- Red (100%)
- Green (4%)
- Blue (57%)



- Red (100%)
- Yellow (4%)
- Blue (57%)



- Cyan (0%)
- Magenta (96%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF0A91 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 FF0A91 by changing the saturation by 10% instead.



 FF0A91

 FF0A91

FFFFFF

 DF0077

 FF66C7

 C0005F

 FF86E3

 A10047

 FFA5FF

 820031

 FFC4FF

 63001D

 FFE2FF

 460003

 250001

 000000

 FF0A91

 FF0A91

 FF008D

 FF239C

 FF3DA8

 FF57B3

 FF70BF

 FF8ACA

 FFA3D6

 FFBDE1

 FFD6ED

 FFF0F8

# Harmonies

## Analogous

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



D348D8



FF0A91



FF2B48

# Triad

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



FF0A91



619400



00A0FF

# Complementary

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



FF0A91



0AFF78

# 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.



00A4C6



FF0A91



009F29

# Square

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



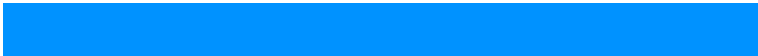
FF0A91



A98000



00A37A



0092FF

# Rectangle

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



FF0A91



ED4F13



00A37A



00A2F1



# Sweetspot

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



FF0A91



FFB5DE



740AFF



80536B



000000



808080



# Same Dimension

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



FF0A91



FF008D



FF0A1A



80737A



BF0069



400023



# Inverse Universe

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



FF0A91



FF008D



0AFFEF



80737A



BF0069



400023



# Previews

## White Background



This preview shows how the Hex color FF0A91 looks on a white background.

## Color Contrast Check

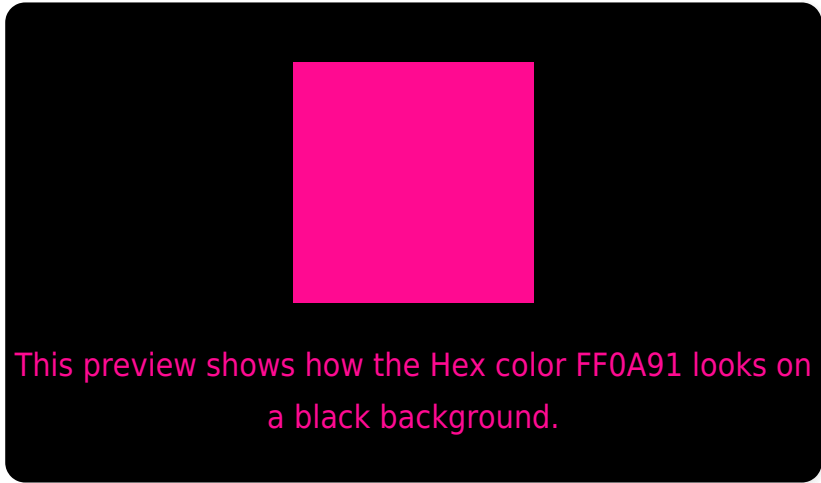
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0A91 Background



This preview shows how black text looks on a background with the Hex color FF0A91.



This preview shows how white text looks on a background with the Hex color FF0A91.

# 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**  
FF0A91



**Protanomaly**  
A058B9



**Deuteranomaly**  
BA568A



**Tritanomaly**  
FC295A

# Monochromacy



**Original Color**  
FF0A91



**Achromatopsia**  
636363



**Achromatomaly**  
9C4374

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF0A91 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 #FF0A91 looks like.

```
.text, #text, p{  
    color:#FF0A91  
}
```

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 #FF0A91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0A91
}
```

## Border

The CSS property to change the border of an element to Hex FF0A91 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
#FF0A91 }
```

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

```
.border{ border-color:#FF0A91 }
```

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

Here you see how a box with a 4 pixel #FF0A91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0A91; -webkit-box-shadow:4px 4px  
4px 4px #FF0A91; box-shadow:4px 4px 4px  
4px #FF0A91 }
```

# Background

The CSS property to change the background color of an element to Hex FF0A91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0A91 }
```

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

```
.background{ background-color:#FF0A91 }
```

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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