

# Converting Colors

Hex(FF0E75)

Have a look what the booklet for  
Hex(FF0E75) contains.

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**Color**

**Hex(FF0E75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0E75
RGB	255, 14, 117
RGB Percent	100%, 5%, 46%
CMY	0.0000, 0.9451, 0.5412
CMYK	0.00, 0.95, 0.54, 0.00
HSL	334°, 100%, 53%
HSV	334°, 95%, 100%
XYZ	44.6079, 22.8584, 18.8906
YIQ	97.8010, 110.5730, 83.1250

# Conversions

## Conversions Part 2

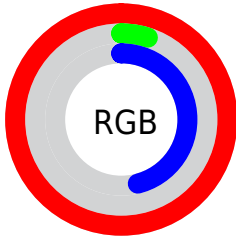
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 14, 117
Decimal	16715381
CIELab	54.93, 82.85, 10.74
CIElCh	55, 83.540, 7.386
Yxy	22.8584, 0.5166, 0.2647
Android (android.graphics.Color)	4294905461 (0xFFFF0E75)
YUV	97.8010, 9.4651, 137.8635
Hunter-Lab	47.8105, 82.8749, 10.0410

# Details

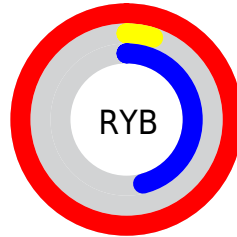
The Hex color **FF0E75** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **0EFF98**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF66A9**, and **BF0045** is the 20% darker color. If you saturate the color by 10%, you get **FF006D**, and if you desaturate by 10%, it is **FF2884**.

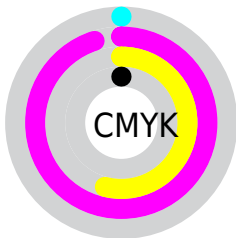
# Distribution



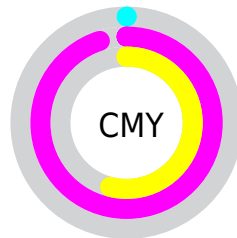
- Red (100%)
- Green (5%)
- Blue (46%)



- Red (100%)
- Yellow (5%)
- Blue (46%)



- Cyan (0%)
- Magenta (95%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (95%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF0E75 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 FF0E75 by changing the saturation by 10% instead.



 FF0E75

 FF0E75

FFFFFF

 DF005D

 FF66A9

 BF0045

 FF86C4

 9F0030

 FFA4E0

 80001C

 FFC3FC

 610004

 FFE1FF

 420003

 200001

 000000

 FF0E75

 FF0E75

 FF006D

 FF2884

 FF4192

 FF5BA1

 FF74AF

 FF8EBE

 FFA7CD

 FFC1DB

 FFDAEA

 FFF4F8

# Harmonies

## Analogous

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



E535BD



FF0E75



F3402F

# Triad

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



FF0E75



3C9700



009AFF

# Complementary

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



FF0E75



0EFF98

# 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.



00A1DA



FF0E75



009F47

# Square

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



FF0E75



908600



00A294



0087FF

# Rectangle

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



FF0E75



DA5E00



00A294



009DFE



# Sweetspot

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



FF0E75



FFB8D6



970EFF



805467



000000



808080



# Same Dimension

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



FF0E75



FF006D



FF1E0E



807378



BF0052



40001B



# Inverse Universe

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



FF0E75



FF006D



0EEFFF



807378



BF0052



40001B



# Previews

## White Background



This preview shows how the Hex color FF0E75 looks on a white background.

## Color Contrast Check

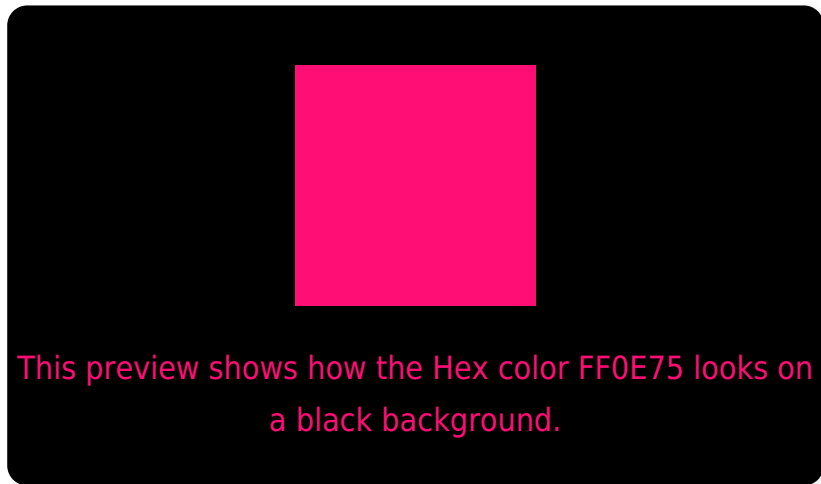
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0E75 Background



This preview shows how black text looks on a background with the Hex color FF0E75.



This preview shows how white text looks on a background with the Hex color FF0E75.

# 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**  
FF0E75

**Protanopia**  
7B83A9

**Deuteranopia**  
9A7F6A



# Trichromacy



**Original Color**  
FF0E75



**Protanomaly**  
AB5896



**Deuteranomaly**  
BF566E



**Tritanomaly**  
FD2448

# Monochromacy



**Original Color**  
FF0E75



**Achromatopsia**  
626262



**Achromatomaly**  
9B4369

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF0E75 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 #FF0E75 looks like.

```
.text, #text, p{  
    color:#FF0E75  
}
```

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 #FF0E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0E75
}
```

## Border

The CSS property to change the border of an element to Hex FF0E75 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
#FF0E75 }
```

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

```
.border{ border-color:#FF0E75 }
```

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

Here you see how a box with a 4 pixel #FF0E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0E75; -webkit-box-shadow:4px 4px  
4px 4px #FF0E75; box-shadow:4px 4px 4px  
4px #FF0E75 }
```

# Background

The CSS property to change the background color of an element to Hex FF0E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0E75 }
```

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

```
.background{ background-color:#FF0E75 }
```

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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