

Converting Colors

Hex(FF0A42)

Have a look what the booklet for
Hex(FF0A42) contains.

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Color

Hex(F0A42)

Conversions

Conversions Part 1

Format	Color
Hex	FF0A42
RGB	255, 10, 66
RGB Percent	100%, 4%, 26%
CMY	0.0000, 0.9608, 0.7412
CMYK	0.00, 0.96, 0.74, 0.00
HSL	346°, 100%, 52%
HSV	346°, 96%, 100%
XYZ	42.3319, 21.8704, 7.1445
YIQ	89.6390, 128.0440, 69.3560

Conversions

Conversions Part 2

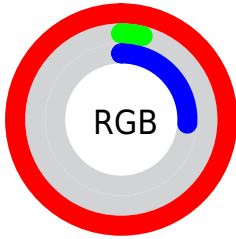
Format	Color
RYB	255, 10, 66
Decimal	16714306
CIELab	53.89, 80.59, 39.83
CIELCh	54, 89.897, 26.300
Yxy	21.8704, 0.5933, 0.3065
Android (android.graphics.Color)	4294904386 (0xFFFF0A42)
YUV	89.6390, -11.6540, 145.0216
Hunter-Lab	46.7658, 79.7360, 23.6782

Details

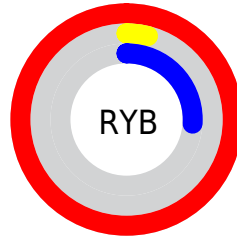
The Hex color **FF0A42** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0AFFC7**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6372**, and **BD0018** is the 20% darker color. If you saturate the color by 10%, you get **FF003A**, and if you desaturate by 10%, it is **FF2356**.

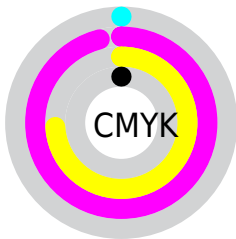
Distribution



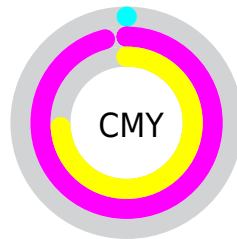
- Red (100%)
- Green (4%)
- Blue (26%)



- Red (100%)
- Yellow (4%)
- Blue (26%)



- Cyan (0%)
- Magenta (96%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0A42 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 FF0A42 by changing the saturation by 10% instead.

 FF0A42

 FF0A42

FFFFFF

 DE002C

 FF6372

 BD0018

 FF838B

 9C0000

 FFA2A6

 7C0001

 FFC0C1

 5C0004

 FFDEDD

 3D0003

 FFFDFA

 170000

 000000

 FF0A42

 FF0A42

 FF003A

 FF2356

 FF3D69

 FF577D

 FF7091

 FF8AA4

 FFA3B8

 FFBDC

 FFD6DF

 FFF0F3

Harmonies

Analogous

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



FF008E



FF0A42



DD5500

Triad

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



FF0A42



009B1B



008FFF

Complementary

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



FF0A42



0AFFC7

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.



009DFF



FF0A42



009F75

Square

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



FF0A42



599000



00A1C4



5471FF

Rectangle

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



FF0A42



BA7000



00A1C4



0095FF

Sweetspot

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



FF0A42



FFB5C6



C60AFF



80535D



000000



808080

Same Dimension

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



FF0A42



FF003A



FF4B0A



807376



BF002C



40000F

Inverse Universe

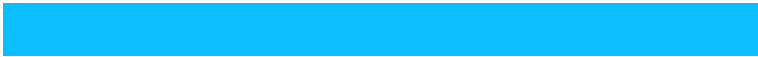
The Inverse Universe completely reimagines the original color for something new.



FF0A42



FF003A



0ABEFF



807376



BF002C



40000F

Previews

White Background



This preview shows how the Hex color FF0A42 looks on a white background.

Color Contrast Check

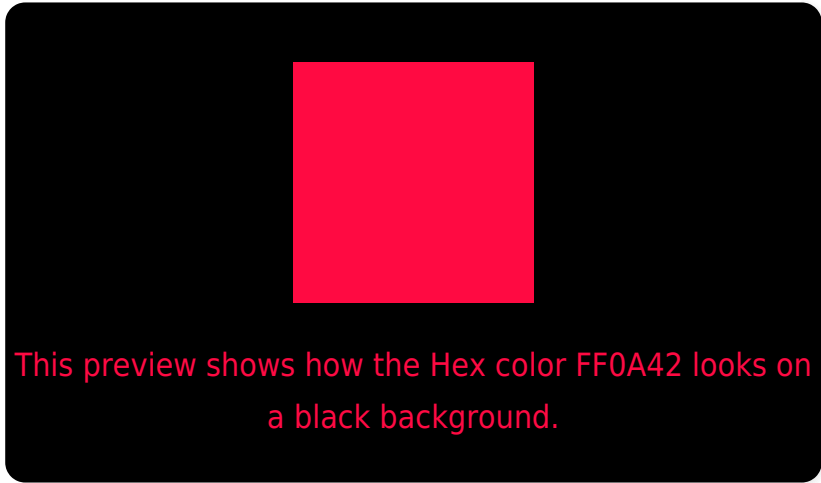
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0A42 Background



This preview shows how black text looks on a background with the Hex color FF0A42.



This preview shows how white text looks on a background with the Hex color FF0A42.

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
FF0A42



Protanomaly
B55657



Deuteranomaly
C35239



Tritanomaly
FE1525

Monochromacy



Original Color
FF0A42



Achromatopsia
5A5A5A



Achromatomaly
963D51

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0A42 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 #FF0A42 looks like.

```
.text, #text, p{  
    color:#FF0A42  
}
```

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 #FF0A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0A42
}
```

Border

The CSS property to change the border of an element to Hex FF0A42 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".

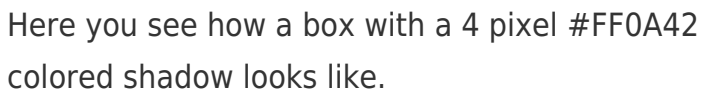
```
.border, #border, table{ border:4px solid
#FF0A42 }
```

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

```
.border{ border-color:#FF0A42 }
```

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

Here you see how a box with a 4 pixel #FF0A42 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0A42; -webkit-box-shadow:4px 4px  
4px 4px #FF0A42; box-shadow:4px 4px 4px  
4px #FF0A42 }
```

Background

The CSS property to change the background color of an element to Hex FF0A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0A42 }
```

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

```
.background{ background-color:#FF0A42 }
```

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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