

# Converting Colors

Hex(FC0A5E)

Have a look what the booklet for  
Hex(FC0A5E) contains.

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**Color**

**Hex(FC0A5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC0A5E
RGB	252, 10, 94
RGB Percent	99%, 4%, 37%
CMY	0.0118, 0.9608, 0.6314
CMYK	0.00, 0.96, 0.63, 0.01
HSL	339°, 98%, 51%
HSV	339°, 96%, 99%
XYZ	42.2738, 21.7207, 12.5541
YIQ	91.9340, 117.2680, 77.4280

# Conversions

## Conversions Part 2

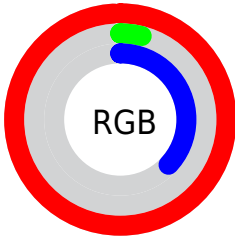
<b>Format</b>	<b>Color</b>
<b>RYB</b>	252, 10, 94
Decimal	16517726
CIELab	53.73, 81.11, 22.88
CIELCh	54, 84.272, 15.754
Yxy	21.7207, 0.5522, 0.2838
Android (android.graphics.Color)	4294707806 (0xFFFC0A5E)
YUV	91.9340, 1.0185, 140.3779
Hunter-Lab	46.6055, 80.3501, 16.6529

# Details

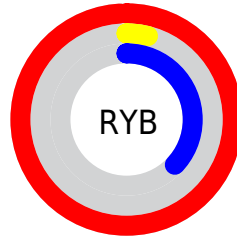
The Hex color **FC0A5E** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **0AFCA8**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6490**, and **BB0031** is the 20% darker color. If you saturate the color by 10%, you get **FC0057**, and if you desaturate by 10%, it is **FC236E**.

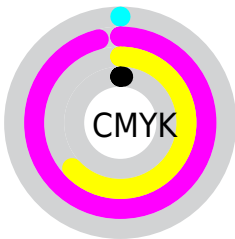
# Distribution



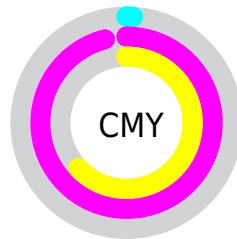
- Red (99%)
- Green (4%)
- Blue (37%)



- Red (99%)
- Yellow (4%)
- Blue (37%)



- Cyan (0%)
- Magenta (96%)
- Yellow (63%)
- Black (1%)



- Cyan (1%)
- Magenta (96%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC0A5E 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 FC0A5E by changing the saturation by 10% instead.



 FC0A5E

 FC0A5E

FFFFFF

 DB0047

 FF6490

 BB0031

 FF83AA

 9B001D

 FFA2C5

 7B0003


 FFC0E1

 5C0004

 FFDFFE

 3C0003

 FFFDFF

 170000

 000000

 FC0A5E

 FC0A5E

 FC0057

 FC236E

 FC3C7F

 FC568F

 FC6FA0

 FC88B0

 FCA1C1

 FCBAD1

 FCD4E2

 FCEDF2

# Harmonies

## Analogous

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



EE1CA6



FC0A5E



E64912

# Triad

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



FC0A5E



009600



0093FF

# Complementary

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



FC0A5E



0AFCA8

# 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.



009DE8



FC0A5E



009D5A

# Square

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



FC0A5E



798900



009FA6



007DFF

# Rectangle

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



FC0A5E



CA6500



009FA6



0098FF



# Sweetspot

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



FC0A5E



FFB5CF



A70AFC



805362



000000



808080



# Same Dimension

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



FC0A5E



FF0059



FC2E0A



7D7075



BD0041



3D0015



# Inverse Universe

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



FC0A5E



FF0059



0AD8FC



7D7075



BD0041



3D0015



# Previews

## White Background



This preview shows how the Hex color FC0A5E looks on a white background.

## Color Contrast Check

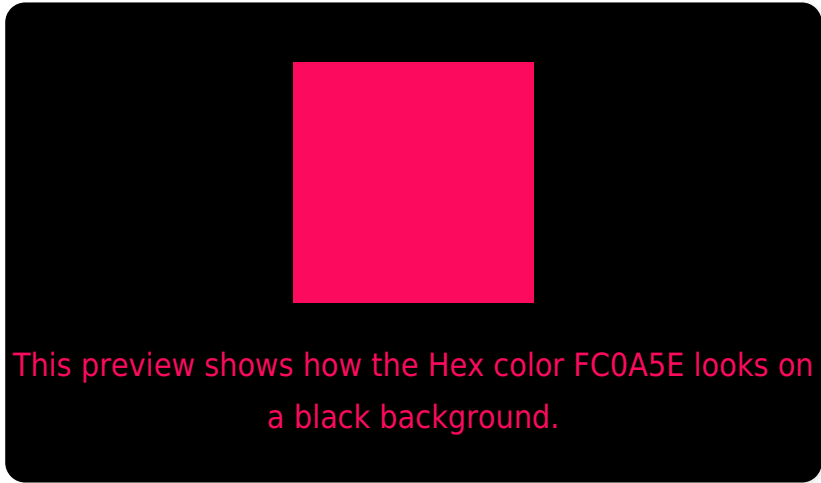
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0A5E Background



This preview shows how black text looks on a background with the Hex color FC0A5E.



This preview shows how white text looks on a background with the Hex color FC0A5E.

# 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**  
FC0A5E



**Protanomaly**  
AE5679



**Deuteranomaly**  
BF5357



**Tritanomaly**  
FB1C39

# Monochromacy



**Original Color**  
FC0A5E



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
963E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC0A5E 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 #FC0A5E looks like.

```
.text, #text, p{  
    color:#FC0A5E  
}
```

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 #FC0A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0A5E
}
```

## Border

The CSS property to change the border of an element to Hex FC0A5E 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".

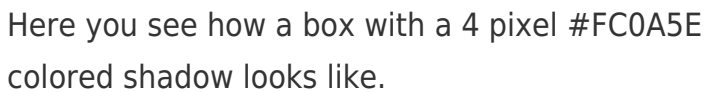
```
.border, #border, table{ border:4px solid
#FC0A5E }
```

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

```
.border{ border-color:#FC0A5E }
```

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

Here you see how a box with a 4 pixel #FC0A5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0A5E; -webkit-box-shadow:4px 4px  
4px 4px #FC0A5E; box-shadow:4px 4px 4px  
4px #FC0A5E }
```

# Background

The CSS property to change the background color of an element to Hex FC0A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0A5E }
```

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

```
.background{ background-color:#FC0A5E }
```

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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