

Converting Colors

Hex(FC0C51)

Have a look what the booklet for
Hex(FC0C51) contains.

Hex(FC0C51)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FC0C51)

Conversions

Conversions Part 1

Format	Color
Hex	FC0C51
RGB	252, 12, 81
RGB Percent	99%, 5%, 32%
CMY	0.0118, 0.9529, 0.6824
CMYK	0.00, 0.95, 0.68, 0.01
HSL	343°, 98%, 52%
HSV	343°, 95%, 99%
XYZ	41.7616, 21.5525, 9.7435
YIQ	91.6260, 120.8910, 72.3390

Conversions

Conversions Part 2

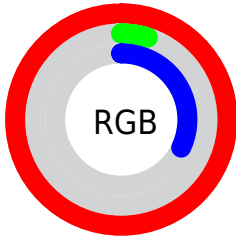
Format	Color
R_{YB}	252, 12, 81
Decimal	16518225
CIE _{Lab}	53.55, 80.34, 30.45
CIE _{LCh}	54, 85.915, 20.761
Yxy	21.5525, 0.5716, 0.2950
Android (android.graphics.Color)	4294708305 (0xFFFC0C51)
YUV	91.6260, -5.2386, 140.6480
Hunter-Lab	46.4246, 79.3276, 20.0535

Details

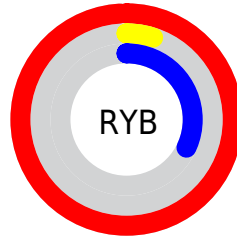
The Hex color **FC0C51** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **0CFB7**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6482**, and **BB0025** is the 20% darker color. If you saturate the color by 10%, you get **FC0048**, and if you desaturate by 10%, it is **FC2563**.

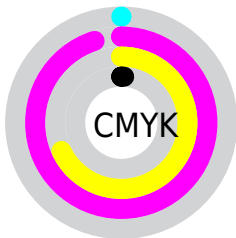
Distribution



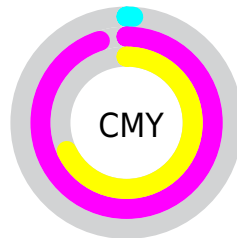
- Red (99%)
- Green (5%)
- Blue (32%)



- Red (99%)
- Yellow (5%)
- Blue (32%)



- Cyan (0%)
- Magenta (95%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (95%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC0C51 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 FC0C51 by changing the saturation by 10% instead.

 FC0C51

 FC0C51

FFFFFF

 DB003A

 FF6482

 BB0025

 FF839C

 9A0012

 FFA2B7

 7A0001

 FFC0D2

 5B0004

 FFDEEE

 3B0003

 FFFDFF

 150000

 000000

 FC0C51

 FC0C51

 FC0048

 FC2563

 FC3E75

 FC5887

 FC7199

 FC8AAB

 FCA3BD

 FCBCCF

 FCD6E1

 FCEFF3

Harmonies

Analogous

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



F4009A



FC0C51



E14F00

Triad

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



FC0C51



009806



0090FF

Complementary

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



FC0C51



0CFB7

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.



009CF3



FC0C51



009D66

Square

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



FC0C51



6B8C00



009FB3



1B77FF

Rectangle

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



FC0C51



C16A00



009FB3



0096FF

Sweetspot

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



FC0C51



FFB5CA



B40CFC



805360



000000



808080

Same Dimension

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



FC0C51



FF0049



FC3C0C



7D7074



BD0036



3D0012

Inverse Universe

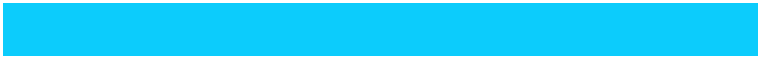
The Inverse Universe completely reimagines the original color for something new.



FC0C51



FF0049



0CCCFC



7D7074



BD0036



3D0012

Previews

White Background



This preview shows how the Hex color FC0C51 looks on a white background.

Color Contrast Check

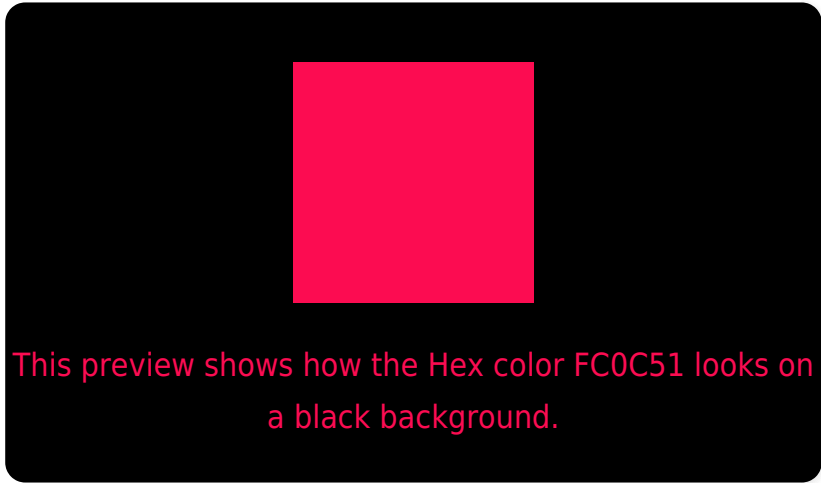
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0C51 Background



This preview shows how black text looks on a background with the Hex color FC0C51.



This preview shows how white text looks on a background with the Hex color FC0C51.

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
FC0C51

Protanopia
858077

Deuteranopia
9E7B45



Trichromacy



Original Color
FC0C51



Protanomaly
B05669



Deuteranomaly
C05349



Tritanomaly
FB1A31

Monochromacy



Original Color
FC0C51



Achromatopsia
5C5C5C



Achromatomaly
963F58

CSS Examples

Text

The CSS property to change the color of the text to Hex FC0C51 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 #FC0C51 looks like.

```
.text, #text, p{  
    color:#FC0C51  
}
```

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 #FC0C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0C51
}
```

Border

The CSS property to change the border of an element to Hex FC0C51 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
#FC0C51 }
```

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

```
.border{ border-color:#FC0C51 }
```

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

Here you see how a box with a 4 pixel #FC0C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0C51; -webkit-box-shadow:4px 4px  
4px 4px #FC0C51; box-shadow:4px 4px 4px  
4px #FC0C51 }
```

Background

The CSS property to change the background color of an element to Hex FC0C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0C51 }
```

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

```
.background{ background-color:#FC0C51 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor