

Converting Colors

Hex(FF0A33)

Have a look what the booklet for
Hex(FF0A33) contains.

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Color

Hex(**FF0A33**)

Conversions

Conversions Part 1

Format	Color
Hex	FF0A33
RGB	255, 10, 51
RGB Percent	100%, 4%, 20%
CMY	0.0000, 0.9608, 0.8000
CMYK	0.00, 0.96, 0.80, 0.00
HSL	350°, 100%, 52%
HSV	350°, 96%, 100%
XYZ	41.9461, 21.7161, 5.1128
YIQ	87.9290, 132.8590, 64.6910

Conversions

Conversions Part 2

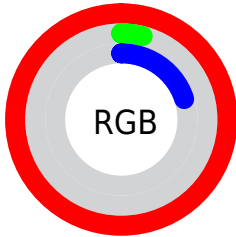
Format	Color
R_{YB}	255, 10, 51
Decimal	16714291
CIE _{Lab}	53.72, 80.14, 48.06
CIE _{LCh}	54, 93.445, 30.952
Yxy	21.7161, 0.6099, 0.3158
Android (android.graphics.Color)	4294904371 (0xFFFF0A33)
YUV	87.9290, -18.2060, 146.5213
Hunter-Lab	46.6005, 79.1205, 26.1154

Details

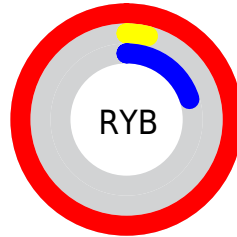
The Hex color **FF0A33** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0AFFD6**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6362**, and **BC0007** is the 20% darker color. If you saturate the color by 10%, you get **FF002B**, and if you desaturate by 10%, it is **FF2348**.

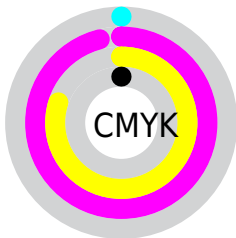
Distribution



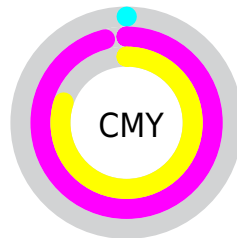
- Red (100%)
- Green (4%)
- Blue (20%)



- Red (100%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (96%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0A33 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 FF0A33 by changing the saturation by 10% instead.

 FF0A33

 FF0A33

FFFFFF

 DE001D

 FF6362

 BC0007

 FF837C

 9B0000

 FFA196

 7B0001

 FFBF80

 5B0004

 FFDECC

 3C0003

 FFFCE8

 160000

 000000

 FF0A33

 FF0A33

 FF002B

 FF2348

 FF3D5D

 FF5773

 FF7088

 FF8A9D

 FFA3B2

 FFBDC8

 FFD6DD

 FFF0F2

Harmonies

Analogous

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



FF0082



FF0A33



D75A00

Triad

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



FF0A33



009C27



008BFF

Complementary

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



FF0A33



0AFFD6

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.



009CFF



FF0A33



00A081

Square

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



FF0A33



449200



00A1D2



7169FF

Rectangle

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



FF0A33



B17500



00A1D2



0092FF

Sweetspot

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



FF0A33



FFB5C1



D20AFF



80535A



000000



808080

Same Dimension

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



FF0A33



FF002B



FF580A



807375



BF0020



40000B

Inverse Universe

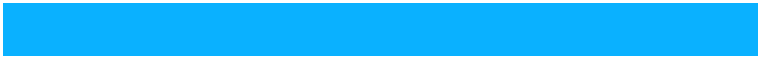
The Inverse Universe completely reimagines the original color for something new.



FF0A33



FF002B



0AB1FF



807375



BF0020



40000B

Previews

White Background



This preview shows how the Hex color FF0A33 looks on a white background.

Color Contrast Check

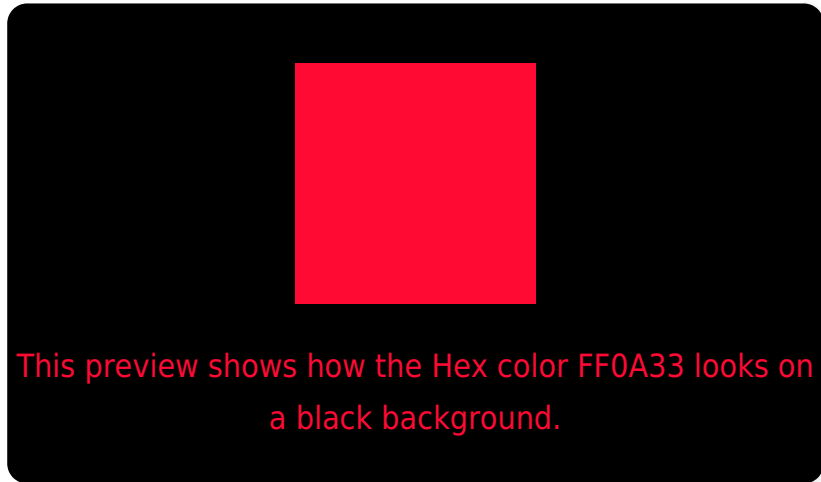
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0A33 Background



This preview shows how black text looks on a background with the Hex color FF0A33.



This preview shows how white text looks on a background with the Hex color FF0A33.

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
FF0A33

Protanopia
8D814F

Deuteranopia
A37B20



Trichromacy



Original Color
FF0A33



Protanomaly
B65645



Deuteranomaly
C45227



Tritanomaly
FE1218

Monochromacy



Original Color
FF0A33



Achromatopsia
585858



Achromatomaly
953C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0A33 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 #FF0A33 looks like.

```
.text, #text, p{  
    color:#FF0A33  
}
```

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 #FF0A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0A33
}
```

Border

The CSS property to change the border of an element to Hex FF0A33 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
#FF0A33 }
```

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

```
.border{ border-color:#FF0A33 }
```

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

Here you see how a box with a 4 pixel #FF0A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0A33; -webkit-box-shadow:4px 4px  
4px 4px #FF0A33; box-shadow:4px 4px 4px  
4px #FF0A33 }
```

Background

The CSS property to change the background color of an element to Hex FF0A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0A33 }
```

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

```
.background{ background-color:#FF0A33 }
```

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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