

Converting Colors

Hex(FF0130)

Have a look what the booklet for
Hex(FF0130) contains.

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Color

Hex(F0130)

Conversions

Conversions Part 1

Format	Color
Hex	FF0130
RGB	255, 1, 48
RGB Percent	100%, 0%, 19%
CMY	0.0000, 0.9961, 0.8118
CMYK	0.00, 1.00, 0.81, 0.00
HSL	349°, 100%, 50%
HSV	349°, 100%, 100%
XYZ	41.7844, 21.4951, 4.7430
YIQ	82.3040, 136.2970, 68.4650

Conversions

Conversions Part 2

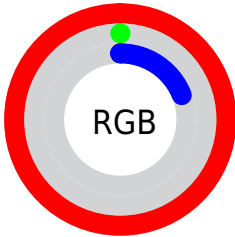
Format	Color
RYB	255, 1, 48
Decimal	16711984
CIELab	53.49, 80.67, 49.43
CIELCh	53, 94.613, 31.499
Yxy	21.4951, 0.6143, 0.3160
Android (android.graphics.Color)	4294902064 (0xFFFF0130)
YUV	82.3040, -16.9119, 151.4544
Hunter-Lab	46.3628, 79.7377, 26.3885

Details

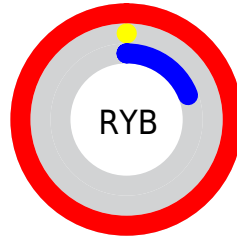
The Hex color **FF0130** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **01FFD0**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF615F**, and **BC0003** is the 20% darker color. If you saturate the color by 10%, you get **FF002F**, and if you desaturate by 10%, it is **FF1A45**.

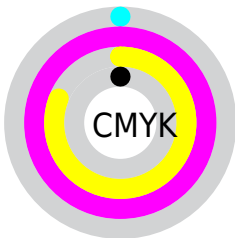
Distribution



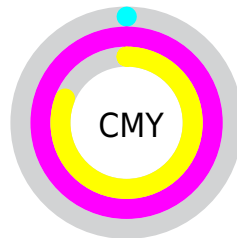
- Red (100%)
- Green (0%)
- Blue (19%)



- Red (100%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0130 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 FF0130 by changing the saturation by 10% instead.

 FF0130

 FF0130

FFFFFF

 DD001A

 FF615F

 BC0003

 FF8178

 9B0000

 FFA092

 7A0001

 FFBEAD

 5B0004

 FFDCC9

 3B0003

 FFFBE5

 150000

 000000

 FF0130

 FF0130

 FF002F

 FF1A45

 FF345A

 FF4E6E

 FF6783

 FF8198

 FF9AAD

 FFB3C1

 FFCDD6

 FFE7EB

Harmonies

Analogous

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



FF0080



FF0130



D65A00

Triad

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



FF0130



009C27



008AFF

Complementary

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



FF0130



01FFD0

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.



009BFF



FF0130



00A082

Square

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



FF0130



409200



00A0D4



7267FF

Rectangle

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



FF0130



AF7400



00A0D4



0092FF

Sweetspot

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



FF0130



FFB3C1



CC01FF



80525A



000000



808080

Same Dimension

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



FF0130



FF002F



FF4D01



807375



BF0023



40000C

Inverse Universe

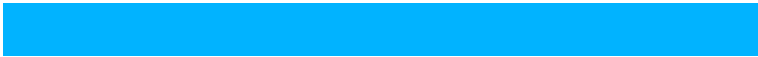
The Inverse Universe completely reimagines the original color for something new.



FF0130



FF002F



01B3FF



807375



BF0023



40000C

Previews

White Background



This preview shows how the Hex color FF0130 looks on a white background.

Color Contrast Check

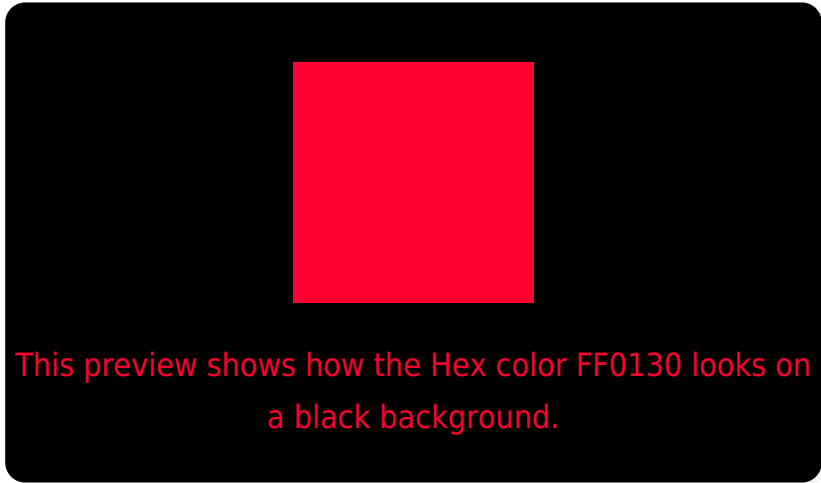
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0130 Background



This preview shows how black text looks on a background with the Hex color FF0130.



This preview shows how white text looks on a background with the Hex color FF0130.

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
FF0130

Protanopia
8E814B

Deuteranopia
A37A1B



Tritanopia
FE1700

Trichromacy



Original Color
FF0130



Protanomaly
B75241



Deuteranomaly
C44E23



Tritanomaly
FE0F11

Monochromacy



Original Color
FF0130



Achromatopsia
525252



Achromatomaly
913546

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0130 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 #FF0130 looks like.

```
.text, #text, p{  
    color:#FF0130  
}
```

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 #FF0130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0130
}
```

Border

The CSS property to change the border of an element to Hex FF0130 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".

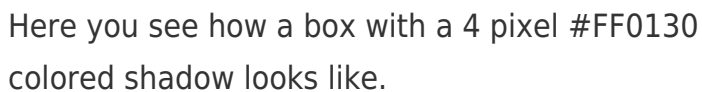
```
.border, #border, table{ border:4px solid
#FF0130 }
```

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

```
.border{ border-color:#FF0130 }
```

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

Here you see how a box with a 4 pixel #FF0130 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0130; -webkit-box-shadow:4px 4px  
4px 4px #FF0130; box-shadow:4px 4px 4px  
4px #FF0130 }
```

Background

The CSS property to change the background color of an element to Hex FF0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0130 }
```

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

```
.background{ background-color:#FF0130 }
```

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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