

Converting Colors

Hex(FF0028)

Have a look what the booklet for
Hex(FF0028) contains.

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Color

Hex(F0028)

Conversions

Conversions Part 1

Format	Color
Hex	FF0028
RGB	255, 0, 40
RGB Percent	100%, 0%, 16%
CMY	0.0000, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.84, 0.00
HSL	351°, 100%, 50%
HSV	351°, 100%, 100%
XYZ	41.6230, 21.4132, 3.9469
YIQ	80.8050, 139.1400, 66.5000

Conversions

Conversions Part 2

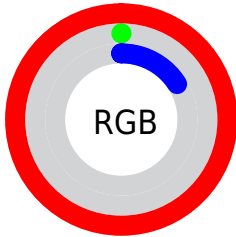
Format	Color
R_{YB}	255, 0, 40
Decimal	16711720
CIE _{Lab}	53.40, 80.56, 53.46
CIE _{LCh}	53, 96.688, 33.569
Yxy	21.4132, 0.6214, 0.3197
Android (android.graphics.Color)	4294901800 (0xFFFF0028)
YUV	80.8050, -20.1169, 152.7690
Hunter-Lab	46.2744, 79.5774, 27.3351

Details

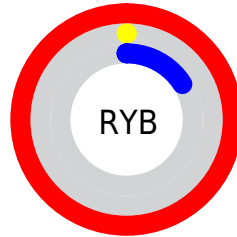
The Hex color **FF0028** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FFD7**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF6157**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0028**, and if you desaturate by 10%, it is **FF193E**.

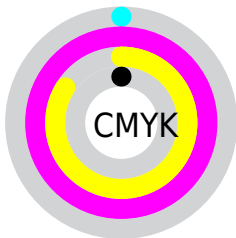
Distribution



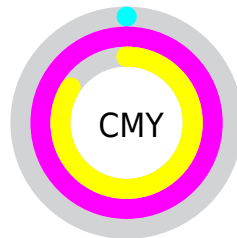
- Red (100%)
- Green (0%)
- Blue (16%)



- Red (100%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0028 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 FF0028 by changing the saturation by 10% instead.

 FF0028

 FF0028

FFFFFF

 DD0011

 FF6157

 BC0000

 FF8170

 9B0000

 FF9F8A

 7A0001

 FFBEA5

 5A0004

 FFDCC0

 3B0002

 FFFBDC

 140000

 FFFFF9

 000000

 FF0028

 FF193E

 FF3353

 FF4D69

 FF667E

 FF8094

 FF99A9

 FFB3BF

 FFCCD4

 FFE6EA

Harmonies

Analogous

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



FF007A



FF0028



D45C00

Triad

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



FF0028



009C2C



0089FF

Complementary

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



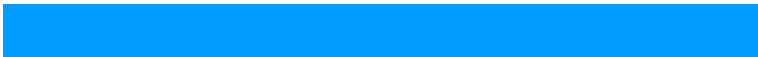
FF0028



00FFD7

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



FF0028



00A088

Square

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



FF0028



329300



00A1DB



7D63FF

Rectangle

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



FF0028



AB7600



00A1DB



0091FF

Sweetspot

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



FF0028



FFB3BF



D500FF



805259



000000



808080

Same Dimension

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



FF0028



FF5500



807375



BF001E



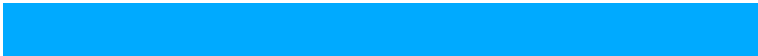
40000A

Inverse Universe

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



FF0028



00AAFF



807375



BF001E



40000A

Previews

White Background



This preview shows how the Hex color FF0028 looks on a white background.

Color Contrast Check

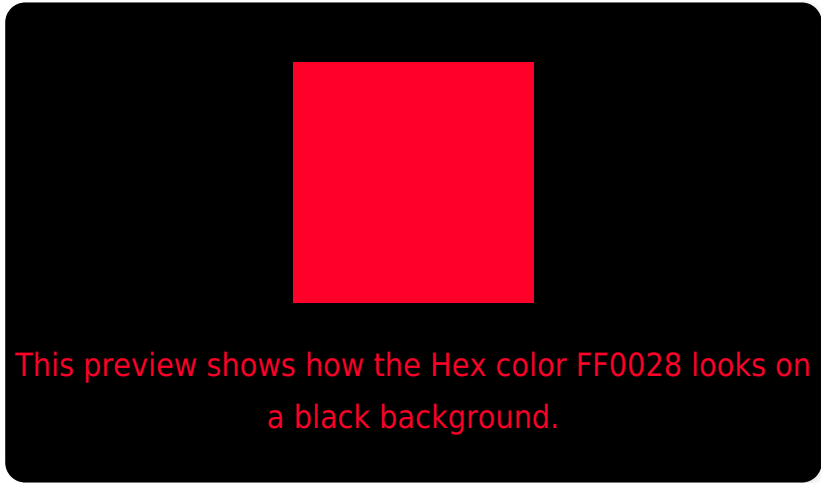
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0028 Background



This preview shows how black text looks on a background with the Hex color FF0028.



This preview shows how white text looks on a background with the Hex color FF0028.

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
FF0028

Protanopia
8E8141

Deuteranopia
A37A00



Tritanopia
FE1700

Trichromacy



Original Color
FF0028



Protanomaly
B75238



Deuteranomaly
C44E0F



Tritanomaly
FE0F0F

Monochromacy



Original Color
FF0028



Achromatopsia
515151



Achromatomaly
903442

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0028 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 #FF0028 looks like.

```
.text, #text, p{  
    color:#FF0028  
}
```

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 #FF0028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0028  
}
```

Border

The CSS property to change the border of an element to Hex FF0028 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".

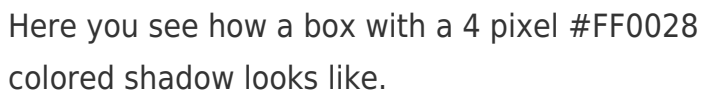
```
.border, #border, table{ border:4px solid  
#FF0028 }
```

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

```
.border{ border-color:#FF0028 }
```

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

Here you see how a box with a 4 pixel #FF0028 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 4-pixel red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0028; -webkit-box-shadow:4px 4px  
4px 4px #FF0028; box-shadow:4px 4px 4px  
4px #FF0028 }
```

Background

The CSS property to change the background color of an element to Hex FF0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0028 }
```

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

```
.background{ background-color:#FF0028 }
```

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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