

Converting Colors

Hex(FF0032)

Have a look what the booklet for
Hex(FF0032) contains.

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Color

Hex(F0032)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF0032 |
| RGB | 255, 0, 50 |
| RGB Percent | 100%, 0%, 20% |
| CMY | 0.0000, 1.0000, 0.8039 |
| CMYK | 0.00, 1.00, 0.80, 0.00 |
| HSL | 348°, 100%, 50% |
| HSV | 348°, 100%, 100% |
| XYZ | 41.8157, 21.4903, 4.9617 |
| YIQ | 81.9450, 135.9300, 69.6100 |

Conversions

Conversions Part 2

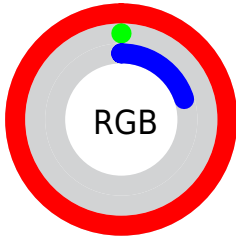
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 0, 50 |
| Decimal | 16711730 |
| CIE Lab | 53.48, 80.79, 48.36 |
| CIE LCh | 53, 94.157, 30.905 |
| Yxy | 21.4903, 0.6125, 0.3148 |
| Android (android.graphics.Color) | 4294901810 (0xFFFF0032) |
| YUV | 81.9450, -15.7489, 151.7692 |
| Hunter-Lab | 46.3576, 79.8856, 26.1044 |

Details

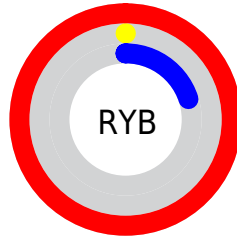
The Hex color **FF0032** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FFCD**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF6161**, and **BC0006** is the 20% darker color. If you saturate the color by 10%, you get **FF0032**, and if you desaturate by 10%, it is **FF1947**.

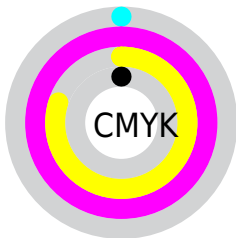
Distribution



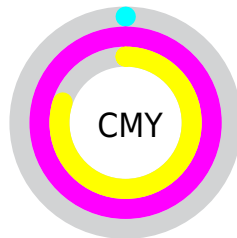
- Red (100%)
- Green (0%)
- Blue (20%)



- Red (100%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0032 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 FF0032 by changing the saturation by 10% instead.

 FF0032

 FF0032

FFFFFF

 DD001C

 FF6161

 BC0006

 FF817A

 9B0000

 FF9F94

 7A0001

 FFBEAF

 5B0004

 FFDCCB

 3B0003

 FFFBE7

 150000

 000000

 FF0032

 FF1947

 FF335B

 FF4D70

 FF6684

 FF8099

 FF99AD

 FFB3C2

 FFCCD6

 FFE6EB

Harmonies

Analogous

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



FF0081



FF0032



D75900

Triad

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



FF0032



009B25



008BFF

Complementary

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



FF0032



00FFCD

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



FF0032



00A080

Square

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



FF0032



439200



00A0D2



6F68FF

Rectangle

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



FF0032



B07400



00A0D2



0092FF

Sweetspot

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



FF0032



FFB3C2



CC00FF



80525B



000000



808080

Same Dimension

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



FF0032



FF4D00



807375



BF0026



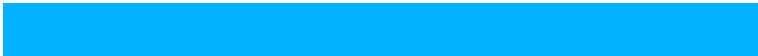
40000D

Inverse Universe

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



FF0032



00B2FF



807375



BF0025



40000C

Previews

White Background



This preview shows how the Hex color FF0032 looks on a white background.

Color Contrast Check

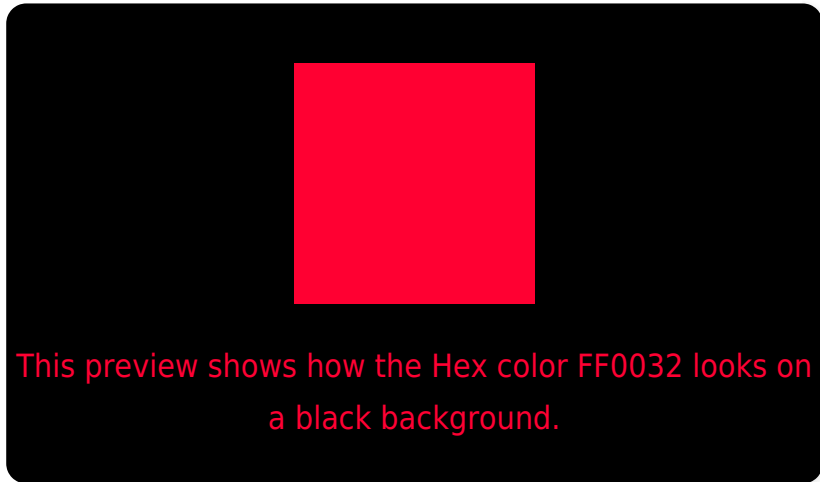
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0032 Background



This preview shows how black text looks on a background with the Hex color FF0032.



This preview shows how white text looks on a background with the Hex color FF0032.

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
FF0032

Protanopia
8D814E

Deuteranopia
A37B1E



Trichromacy



Original Color
FF0032



Protanomaly
B65244



Deuteranomaly
C44E25



Tritanomaly
FE0E12

Monochromacy



Original Color
FF0032



Achromatopsia
525252



Achromatomaly
913446

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0032 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 #FF0032 looks like.

```
.text, #text, p{  
    color:#FF0032  
}
```

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 #FF0032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0032
}
```

Border

The CSS property to change the border of an element to Hex FF0032 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".

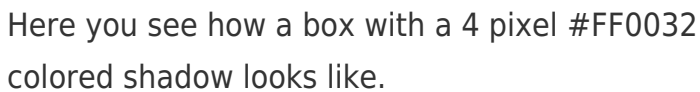
```
.border, #border, table{ border:4px solid
#FF0032 }
```

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

```
.border{ border-color:#FF0032 }
```

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

Here you see how a box with a 4 pixel #FF0032 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 thick red line that follows the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0032; -webkit-box-shadow:4px 4px  
4px 4px #FF0032; box-shadow:4px 4px 4px  
4px #FF0032 }
```

Background

The CSS property to change the background color of an element to Hex FF0032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0032 }
```

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

```
.background{ background-color:#FF0032 }
```

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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