

Converting Colors

Hex(FE0033)

Have a look what the booklet for
Hex(FE0033) contains.

Hex(FE0033)	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(FE0033)

Conversions

Conversions Part 1

Format	Color
Hex	FE0033
RGB	254, 0, 51
RGB Percent	100%, 0%, 20%
CMY	0.0039, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.80, 0.00
HSL	348°, 100%, 50%
HSV	348°, 100%, 100%
XYZ	41.4706, 21.3098, 5.0594
YIQ	81.7600, 135.0130, 69.7090

Conversions

Conversions Part 2

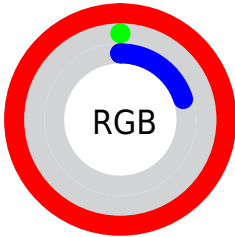
Format	Color
R_{YB}	254, 0, 51
Decimal	16646195
CIE _{Lab}	53.29, 80.58, 47.56
CIE _{LCh}	53, 93.568, 30.549
Yxy	21.3098, 0.6113, 0.3141
Android (android.graphics.Color)	4294836275 (0xFFFE0033)
YUV	81.7600, -15.1647, 151.0545
Hunter-Lab	46.1626, 79.5726, 25.8156

Details

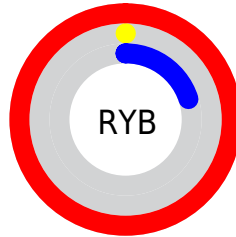
The Hex color **FE0033** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FECB**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF6162**, and **BB0007** is the 20% darker color. If you saturate the color by 10%, you get **FE0033**, and if you desaturate by 10%, it is **FE1947**.

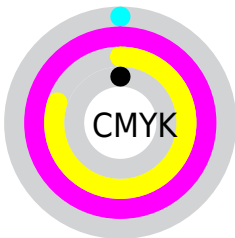
Distribution



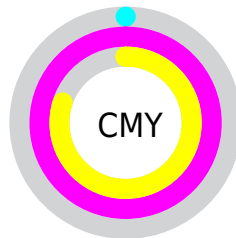
- Red (100%)
- Green (0%)
- Blue (20%)



- 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 FE0033 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 FE0033 by changing the saturation by 10% instead.

 FE0033

 FE0033

FFFFFF

 DD001D

 FF6162

 BB0007

 FF817B

 9A0000

 FF9F95

 7A0002

 FFBEB0

 5A0004

 FFDCCC

 3B0002

 FFFBE8

 140000

 000000

 FE0033

 FE1947

 FE335C

 FE4C70

 FE6684

 FE7F98

 FE98AD

 FEB2C1

 FECBD5

 FEE5EA

Harmonies

Analogous

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



FF0082



FE0033



D75800

Triad

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



FE0033



009B24



008BFF

Complementary

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



FE0033



00FECB

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



FE0033



009F7F

Square

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



FE0033



449100



00A0D0



6D68FF

Rectangle

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



FE0033



B07300



00A0D0



0092FF

Sweetspot

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



FE0033



FFB3C2



C700FE



80525B



000000



808080

Same Dimension

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



FE0033



FF0033



FE4800



807375



BF0026



40000D

Inverse Universe

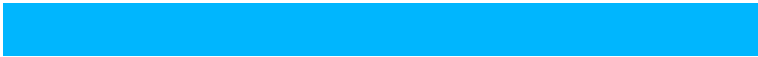
The Inverse Universe completely reimagines the original color for something new.



FE0033



FF0033



00B6FE



807375



BF0026



40000D

Previews

White Background



This preview shows how the Hex color FE0033 looks on a white background.

Color Contrast Check

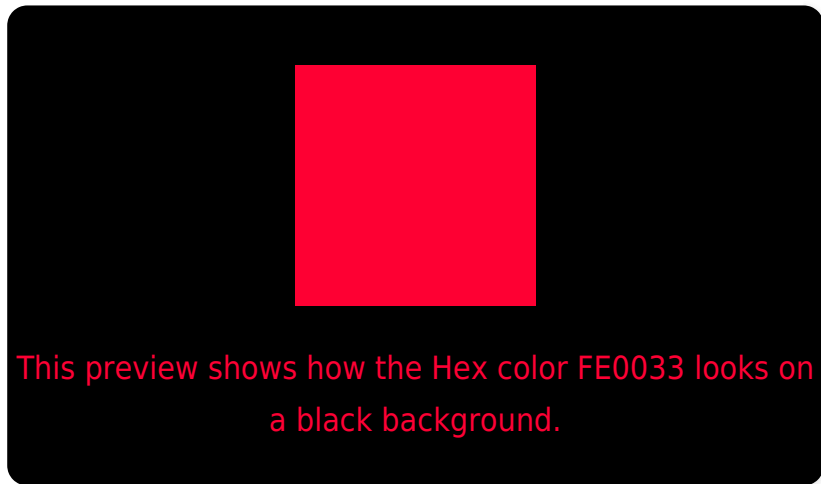
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE0033 Background



This preview shows how black text looks on a background with the Hex color FE0033.



This preview shows how white text looks on a background with the Hex color FE0033.

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
FE0033

Protanopia
8C814F

Deuteranopia
A27A20



Trichromacy



Original Color
FE0033



Protanomaly
B5245



Deuteranomaly
C34E27



Tritanomaly
FD0E13

Monochromacy



Original Color
FE0033



Achromatopsia
525252



Achromatomaly
913447

CSS Examples

Text

The CSS property to change the color of the text to Hex FE0033 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 #FE0033 looks like.

```
.text, #text, p{  
    color:#FE0033  
}
```

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 #FE0033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE0033
}
```

Border

The CSS property to change the border of an element to Hex FE0033 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".

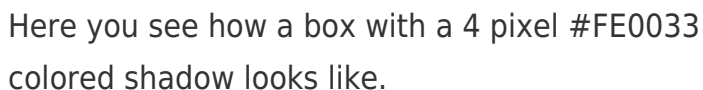
```
.border, #border, table{ border:4px solid
#FE0033 }
```

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

```
.border{ border-color:#FE0033 }
```

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

Here you see how a box with a 4 pixel #FE0033 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE0033; -webkit-box-shadow:4px 4px  
4px 4px #FE0033; box-shadow:4px 4px 4px  
4px #FE0033 }
```

Background

The CSS property to change the background color of an element to Hex FE0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE0033 }
```

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

```
.background{ background-color:#FE0033 }
```

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