

Converting Colors

Hex(FF4033)

Have a look what the booklet for
Hex(FF4033) contains.

Hex(FF4033)	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(F4033)

Conversions

Conversions Part 1

Format	Color
Hex	FF4033
RGB	255, 64, 51
RGB Percent	100%, 25%, 20%
CMY	0.0000, 0.7490, 0.8000
CMYK	0.00, 0.75, 0.80, 0.00
HSL	4°, 100%, 60%
HSV	4°, 80%, 100%
XYZ	43.6709, 25.1658, 5.6877
YIQ	119.6270, 118.0090, 36.4490

Conversions

Conversions Part 2

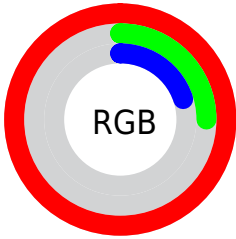
Format	Color
R_{YB}	255, 65, 51
Decimal	16728115
CIE _{Lab}	57.24, 70.15, 51.51
CIE _{LCh}	57, 87.027, 36.288
Yxy	25.1658, 0.5860, 0.3377
Android (android.graphics.Color)	4294918195 (0xFFFF4033)
YUV	119.6270, -33.8331, 118.7221
Hunter-Lab	50.1655, 67.6011, 28.3936

Details

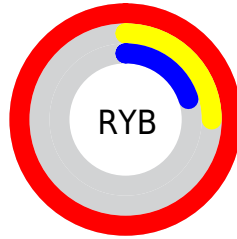
The Hex color **FF4033** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **33F2FF**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7D64**, and **BD0003** is the 20% darker color. If you saturate the color by 10%, you get **FF2819**, and if you desaturate by 10%, it is **FF584D**.

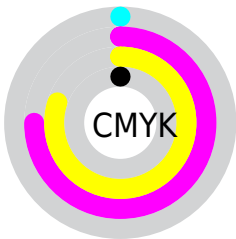
Distribution



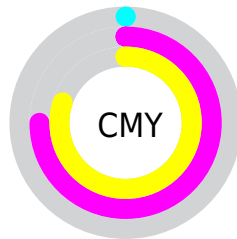
- Red (100%)
- Green (25%)
- Blue (20%)



- Red (100%)
- Yellow (25%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4033 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 FF4033 by changing the saturation by 10% instead.

 FF4033

 FF4033

FFFFFF

 DE171C

 FF7D64

 BD0003

 FF9B7D

 9D0000

 FFB897

 7D0000

 FFD6B2

 5D0002

 FFF4CE

 400003

 FFFFEB

 1D0001

 000000

 FF4033

 FF4033

 FF2819

 FF584D

 FF1000

 FF7066

 FF8880

 FFA099

 FFB7B3

 FFCFCC

 FFE7E6

FFFFFF

Harmonies

Analogous

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



FF067D



FF4033



D56E00

Triad

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



FF4033



00A647



008FFF

Complementary

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



FF4033



33F2FF

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.



00A1FF



FF4033



00A998

Square

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



FF4033



439D00



00A9E2



996CFF

Rectangle

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



FF4033



AF8300



00A9E2



0096FF

Sweetspot

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



FF4033



FFC6C2



FF33F5



805D5B



000000



808080

Same Dimension

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



FF4033



FF1A0A



FFA333



807473



BF0C00



400400

Inverse Universe

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



33F2FF



0AEFFF



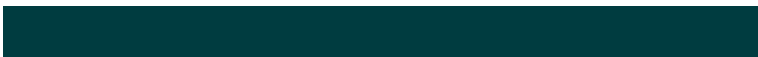
338FFF



737F80



00B3BF



003C40

Previews

White Background



This preview shows how the Hex color FF4033 looks on a white background.

Color Contrast Check

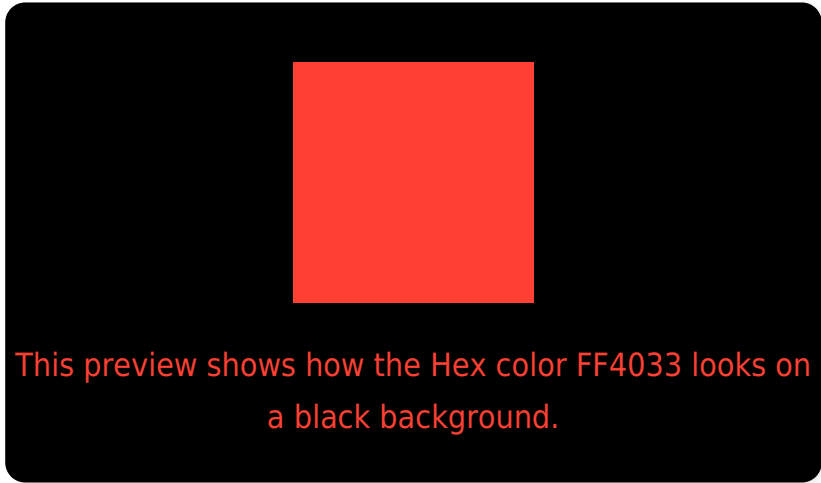
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4033 Background



This preview shows how black text looks on a background with the Hex color FF4033.

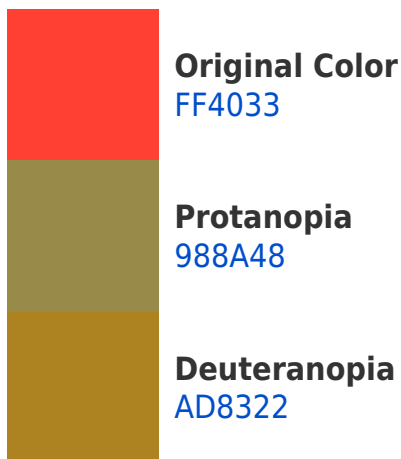


This preview shows how white text looks on a background with the Hex color FF4033.

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





Tritanopia
FF3F41

Trichromacy



Original Color
FF4033

Protanomaly
BD6F40

Deuteranomaly
CB6B28

Tritanomaly
FF3F3C

Monochromacy



Original Color
FF4033

Achromatopsia
787878

Achromatomaly
A9645F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4033 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 #FF4033 looks like.

```
.text, #text, p{  
  color:#FF4033  
}
```

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 #FF4033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4033
}
```

Border

The CSS property to change the border of an element to Hex FF4033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

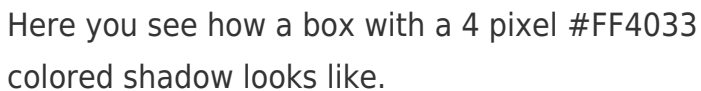
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF4033 }
```

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

```
.border{ border-color:#FF4033 }
```

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



Here you see how a box with a 4 pixel #FF4033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4033; -webkit-box-shadow:4px 4px  
4px 4px #FF4033; box-shadow:4px 4px 4px  
4px #FF4033 }
```

Background

The CSS property to change the background color of an element to Hex FF4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4033 }
```

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

```
.background{ background-color:#FF4033 }
```

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