

Converting Colors

Hex(FA0008)

Have a look what the booklet for
Hex(FA0008) contains.

Hex(FA0008)	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(FA0008)

Conversions

Conversions Part 1

Format	Color
Hex	FA0008
RGB	250, 0, 8
RGB Percent	98%, 0%, 3%
CMY	0.0196, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.97, 0.02
HSL	358°, 100%, 49%
HSV	358°, 100%, 98%
XYZ	39.4682, 20.3415, 2.0758
YIQ	75.6620, 146.4320, 55.4880

Conversions

Conversions Part 2

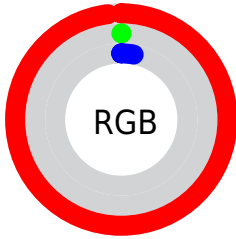
Format	Color
RYB	250, 0, 8
Decimal	16384008
CIELab	52.22, 78.97, 64.19
CIELCh	52, 101.770, 39.108
Yxy	20.3415, 0.6378, 0.3287
Android (android.graphics.Color)	4294574088 (0xFFFA0008)
YUV	75.6620, -33.3574, 152.8944
Hunter-Lab	45.1016, 77.2767, 28.8422

Details

The Hex color **FA0008** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00FAF2**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5F3F**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA0008**, and if you desaturate by 10%, it is **FA1920**.

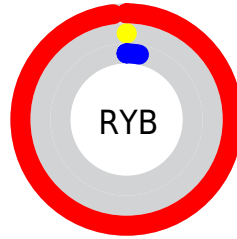
Distribution



Red (98%)

Green (0%)

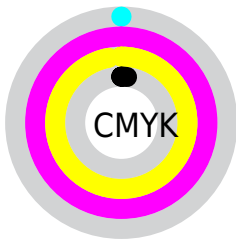
Blue (3%)



Red (98%)

Yellow (0%)

Blue (3%)

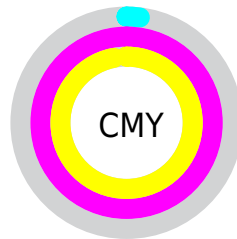


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA0008 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 FA0008 by changing the saturation by 10% instead.

 FA0008

 FA0008

 FFFFFC

 D80000

 FF5F3F

 B70000

 FF7F58

 950000

 FF9D72

 750002

 FFBB8C

 560004

 FFDA A7

 360002

 FFF8C3

 060000

 FFFFDF

 000000

 FA0008

 FA1920

 FA3238

 FA4B51

 FA6469

 FA7D81

 FA9699

 FAAF81

 FAC8CA

 FAE1E2

Harmonies

Analogous

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



FF0067



FA0008



C86000

Triad

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



FA0008



009B38



0081FF

Complementary

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



FA0008



00FAF2

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.



0097FF



FA0008



009E96

Square

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



FA0008



009300



009EEB



9653FF

Rectangle

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



FA0008



9A7900



009EEB



008BFF

Sweetspot

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



FA0008



FFB3B5



F200FA



805253



000000



808080

Same Dimension

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



FA0008



FF0008



FA7500



7D7071



BD0006



3D0002

Inverse Universe

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



FA0008



FF0008



0085FA



7D7071



BD0006



3D0002

Previews

White Background



This preview shows how the Hex color FA0008 looks on a white background.

Color Contrast Check

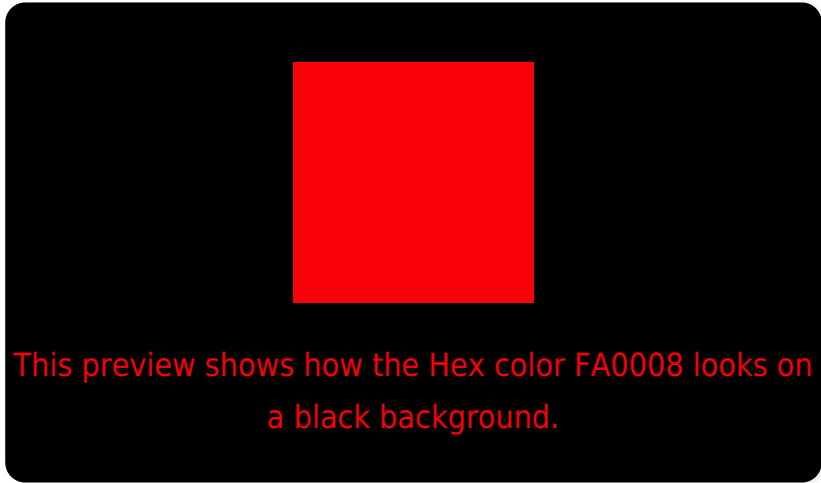
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA0008 Background



This preview shows how black text looks on a background with the Hex color FA0008.



This preview shows how white text looks on a background with the Hex color FA0008.

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
FA0008

Protanopia
8E7E22

Deuteranopia
9F7800



Tritanopia
F81700

Trichromacy



Original Color
FA0008



Protanomaly
B55019



Deuteranomaly
C04C03



Tritanomaly
F90F03

Monochromacy



Original Color
FA0008



Achromatopsia
4C4C4C



Achromatomaly
8B3033

CSS Examples

Text

The CSS property to change the color of the text to Hex FA0008 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 #FA0008 looks like.

```
.text, #text, p{  
    color:#FA0008  
}
```

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 #FA0008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA0008
}
```

Border

The CSS property to change the border of an element to Hex FA0008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

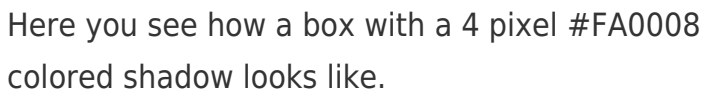
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA0008 }
```

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

```
.border{ border-color:#FA0008 }
```

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



Here you see how a box with a 4 pixel `#FA0008` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA0008; -webkit-box-shadow:4px 4px  
4px 4px #FA0008; box-shadow:4px 4px 4px  
4px #FA0008 }
```

Background

The CSS property to change the background color of an element to Hex FA0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA0008 }
```

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

```
.background{ background-color:#FA0008 }
```

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