

Converting Colors

Hex(F23809)

Have a look what the booklet for
Hex(F23809) contains.

Hex(F23809)	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(F23809)

Conversions

Conversions Part 1

Format	Color
Hex	F23809
RGB	242, 56, 9
RGB Percent	95%, 22%, 4%
CMY	0.0510, 0.7804, 0.9647
CMYK	0.00, 0.77, 0.96, 0.05
HSL	12°, 93%, 49%
HSV	12°, 96%, 95%
XYZ	38.0814, 21.7253, 2.4447
YIQ	106.2560, 125.9430, 24.8150

Conversions

Conversions Part 2

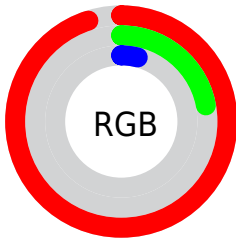
Format	Color
RYB	242, 68, 9
Decimal	15874057
CIELab	53.73, 68.03, 63.81
CIElCh	54, 93.269, 43.168
Yxy	21.7253, 0.6117, 0.3490
Android (android.graphics.Color)	4294064137 (0xFFFF23809)
YUV	106.2560, -47.9472, 119.0475
Hunter-Lab	46.6104, 64.2690, 29.5175

Details

The Hex color **F23809** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **09C3F2**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7541**, and **B00000** is the 20% darker color. If you saturate the color by 10%, you get **F23100**, and if you desaturate by 10%, it is **F24B21**.

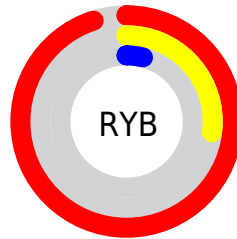
Distribution



Red (95%)

Green (22%)

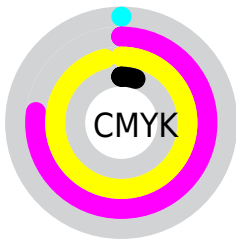
Blue (4%)



Red (95%)

Yellow (27%)

Blue (4%)

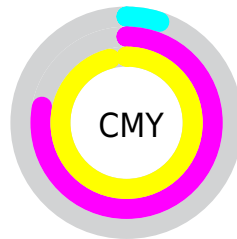


Cyan (0%)

Magenta (77%)

Yellow (96%)

Black (5%)



Cyan (5%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F23809 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 F23809 by changing the saturation by 10% instead.

 F23809

 F23809

FFFFFF

 D10800

 FF7541

 B00000

 FF935B

 8F0000

 FFB075

 6F0000

 FFCD90

 510002

 FFEBAB

 330002

 FFFFC7

 000000

 FFFF E3

 F23809

 F23809

 F23100

 F24B21

 F25F39

 F27252

 F2856A

 F29982

 F2AC9A

 F2BFB2

 F2D3CB

 F2E6E3

Harmonies

Analogous

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



FF0061



F23809



C16C00

Triad

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



F23809



009E4E



0080FF

Complementary

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



F23809



09C3F2

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



F23809



00A1A3

Square

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



F23809



009700



00A0EE



AB54F8

Rectangle

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



F23809



958000



00A0EE



0089FF

Sweetspot

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



F23809



FFC4B5



F209C3



805C53



000000



808080

Same Dimension

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



F23809



FF3300



F2AC09



786E6C



B82500



380B00

Inverse Universe

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



09C3F2



00CCFF



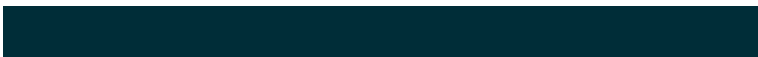
094FF2



6C7578



0093B8



002D38

Previews

White Background



This preview shows how the Hex color F23809 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 F23809 Background



This preview shows how black text looks on a background with the Hex color F23809.



This preview shows how white text looks on a background with the Hex color F23809.

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
F23809

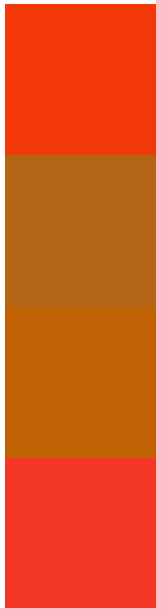
Protanopia
91811E

Deuteranopia
A37A00



Tritanopia
F33535

Trichromacy



Original Color
F23809

Protanomaly
B46616

Deuteranomaly
C06203

Tritanomaly
F33625

Monochromacy



Original Color
F23809

Achromatopsia
6A6A6A

Achromatomaly
9B5847

CSS Examples

Text

The CSS property to change the color of the text to Hex F23809 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 #F23809 looks like.

```
.text, #text, p{  
    color:#F23809  
}
```

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 #F23809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23809
}
```

Border

The CSS property to change the border of an element to Hex F23809 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
#F23809 }
```

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

```
.border{ border-color:#F23809 }
```

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

Here you see how a box with a 4 pixel #F23809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23809; -webkit-box-shadow:4px 4px  
4px 4px #F23809; box-shadow:4px 4px 4px  
4px #F23809 }
```

Background

The CSS property to change the background color of an element to Hex F23809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23809 }
```

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

```
.background{ background-color:#F23809 }
```

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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