

Converting Colors

Hex(F80410)

Have a look what the booklet for
Hex(F80410) contains.

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Color

Hex(F80410)

Conversions

Conversions Part 1

Format	Color
Hex	F80410
RGB	248, 4, 16
RGB Percent	97%, 2%, 6%
CMY	0.0275, 0.9843, 0.9373
CMYK	0.00, 0.98, 0.94, 0.03
HSL	357°, 97%, 49%
HSV	357°, 98%, 97%
XYZ	38.8483, 20.0807, 2.3186
YIQ	78.3240, 141.5720, 55.4600

Conversions

Conversions Part 2

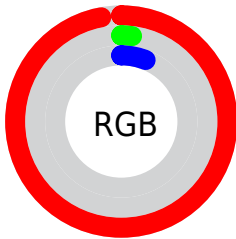
Format	Color
RYB	248, 4, 16
Decimal	16253968
CIELab	51.93, 78.27, 61.68
CIElCh	52, 99.653, 38.241
Yxy	20.0807, 0.6343, 0.3279
Android (android.graphics.Color)	4294444048 (0xFFFF80410)
YUV	78.3240, -30.7257, 148.8059
Hunter-Lab	44.8115, 76.3265, 28.3003

Details

The Hex color **F80410** 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 **04F8EC**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF6043**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F8000C**, and if you desaturate by 10%, it is **F81D28**.

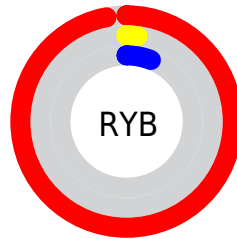
Distribution



Red (97%)

Green (2%)

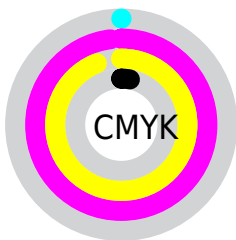
Blue (6%)



Red (97%)

Yellow (2%)

Blue (6%)

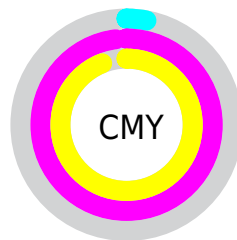


Cyan (0%)

Magenta (98%)

Yellow (94%)

Black (3%)



Cyan (3%)

Magenta (98%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color F80410 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 F80410 by changing the saturation by 10% instead.

 F80410

 F80410

FFFFFF

 D60000

 FF6043

 B50000

 FF7F5C

 940000

 FF9D76

 730002

 FFBC90

 540004

 FFDAAB

 350002

 FFF8C7

 010000

 FFFFE4

 000000

 F80410

 F80410

 F8000C

 F81D28

 F8363F

 F84E57

 F8676E

 F88086

 F8999D

 F8B2B5

 F8CACD

 F8E3E4

Harmonies

Analogous

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



FF0069



F80410



C85E00

Triad

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



F80410



009936



0081FF

Complementary

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



F80410



04F8EC

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.



0096FF



F80410



009D92

Square

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



F80410



009200



009DE5



9155FF

Rectangle

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



F80410



9B7700



009DE5



008AFF

Sweetspot

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



F80410



FFB3B6



EC04F8



805254



000000



808080

Same Dimension

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



F80410



FF000D



F87204



7D7071



BD0009



3D0003

Inverse Universe

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



F80410



FF000D



048AF8



7D7071



BD0009



3D0003

Previews

White Background



This preview shows how the Hex color F80410 looks on a white background.

Color Contrast Check

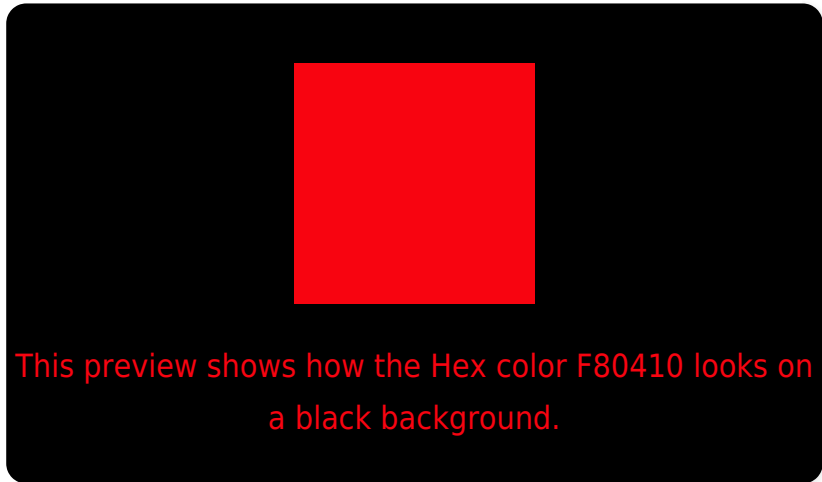
Large Text (above 18pt) WCAG AA ✓ Pass

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 F80410 Background



This preview shows how black text looks on a background with the Hex color F80410.



This preview shows how white text looks on a background with the Hex color F80410.

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
F80410

Protanopia
8C7D26

Deuteranopia
9E7700



Tritanopia
F61700

Trichromacy



Original Color
F80410



Protanomaly
B3511E



Deuteranomaly
BF4D06



Tritanomaly
F71006

Monochromacy



Original Color
F80410



Achromatopsia
4E4E4E



Achromatomaly
8C3337

CSS Examples

Text

The CSS property to change the color of the text to Hex F80410 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 #F80410 looks like.

```
.text, #text, p{  
    color:#F80410  
}
```

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 #F80410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F80410
}
```

Border

The CSS property to change the border of an element to Hex F80410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

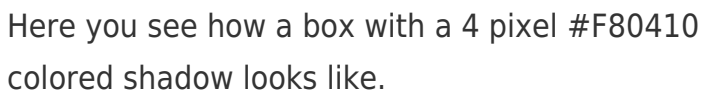
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F80410 }
```

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

```
.border{ border-color:#F80410 }
```

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



Here you see how a box with a 4 pixel #F80410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F80410; -webkit-box-shadow:4px 4px  
4px 4px #F80410; box-shadow:4px 4px 4px  
4px #F80410 }
```

Background

The CSS property to change the background color of an element to Hex F80410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F80410 }
```

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

```
.background{ background-color:#F80410 }
```

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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