

Converting Colors

Hex(F40648)

Have a look what the booklet for
Hex(F40648) contains.

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Color

Hex(F40648)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F40648 |
| RGB | 244, 6, 72 |
| RGB Percent | 96%, 2%, 28% |
| CMY | 0.0431, 0.9765, 0.7176 |
| CMYK | 0.00, 0.98, 0.70, 0.04 |
| HSL | 343°, 95%, 49% |
| HSV | 343°, 98%, 96% |
| XYZ | 38.5431, 19.8312, 7.9273 |
| YIQ | 84.6860, 120.6620, 70.9820 |

Conversions

Conversions Part 2

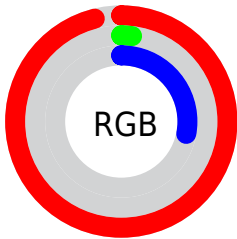
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 244, 6, 72 |
| Decimal | 15992392 |
| CIELab | 51.65, 78.51, 33.12 |
| CIELCh | 52, 85.211, 22.871 |
| Yxy | 19.8312, 0.5813, 0.2991 |
| Android (android.graphics.Color) | 4294182472 (0xFFFF40648) |
| YUV | 84.6860, -6.2542, 139.7184 |
| Hunter-Lab | 44.5323, 76.5618, 20.6183 |

Details

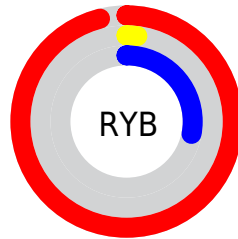
The Hex color **F40648** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **06F4B2**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6178**, and **B3001D** is the 20% darker color. If you saturate the color by 10%, you get **F40044**, and if you desaturate by 10%, it is **F41E5A**.

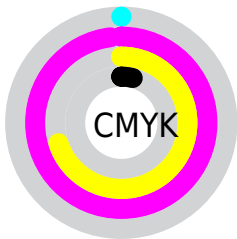
Distribution



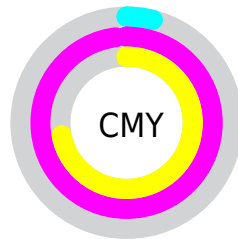
- Red (96%)
- Green (2%)
- Blue (28%)



- Red (96%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (70%)
- Black (4%)



- Cyan (4%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color F40648 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 F40648 by changing the saturation by 10% instead.

 F40648

 F40648

FFFFFF

 D30032

 FF6178

 B3001D

 FF8092

 930007

 FF9EAC

 720002

 FFBC8

 540004

 FFD8E4

 340002

 FFF9FF

 000000

 F40648

 F40648

 F40044

 F41E5A

 F4376B

 F44F7D

 F4688F

 F480A0

 F498B2

 F4B1C3

 F4C9D5

 F4E2E7

Harmonies

Analogous

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



EF0090



F40648



D74E00

Triad

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



F40648



00930D



008AFF

Complementary

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



F40648



06F4B2

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.



0096F0



F40648



009867

Square

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



F40648



608800



0099B2



3470FF

Rectangle

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



F40648



B76800



0099B2



008FFF

Sweetspot

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



F40648



FFB5CA



B106F4



80535F



000000



808080

Same Dimension

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



F40648



FF0047



F43A06



7A6E72



BA0034



3B0010

Inverse Universe

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



F40648



FF0047



06C0F4



7A6E72



BA0034



3B0010

Previews

White Background



This preview shows how the Hex color F40648 looks on a white background.

Color Contrast Check

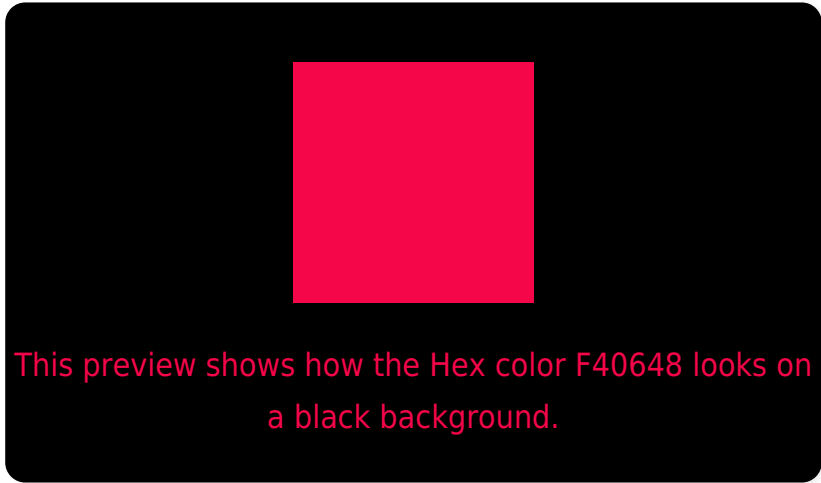
Large Text (above 18pt) WCAG AA ✓ Pass

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 F40648 Background



This preview shows how black text looks on a background with the Hex color F40648.



This preview shows how white text looks on a background with the Hex color F40648.

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
F40648

Protanopia
837C6B

Deuteranopia
99763C



Tritanopia
F31E18

Trichromacy



Original Color
F40648



Protanomaly
AC515E



Deuteranomaly
BA4D40



Tritanomaly
F31529

Monochromacy



Original Color
F40648



Achromatopsia
555555



Achromatomaly
8F3850

CSS Examples

Text

The CSS property to change the color of the text to Hex F40648 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 #F40648 looks like.

```
.text, #text, p{  
    color:#F40648  
}
```

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 #F40648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F40648  
}
```

Border

The CSS property to change the border of an element to Hex F40648 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  
#F40648 }
```

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

```
.border{ border-color:#F40648 }
```

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

Here you see how a box with a 4 pixel #F40648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F40648; -webkit-box-shadow:4px 4px  
4px 4px #F40648; box-shadow:4px 4px 4px  
4px #F40648 }
```

Background

The CSS property to change the background color of an element to Hex F40648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F40648 }
```

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

```
.background{ background-color:#F40648 }
```

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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