

Converting Colors

Hex(F40B28)

Have a look what the booklet for
Hex(F40B28) contains.

Hex(F40B28)	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(F40B28)

Conversions

Conversions Part 1

Format	Color
Hex	F40B28
RGB	244, 11, 40
RGB Percent	96%, 4%, 16%
CMY	0.0431, 0.9569, 0.8431
CMYK	0.00, 0.95, 0.84, 0.04
HSL	353°, 91%, 50%
HSV	353°, 95%, 96%
XYZ	37.8109, 19.6256, 3.8028
YIQ	83.9730, 129.5590, 58.4150

Conversions

Conversions Part 2

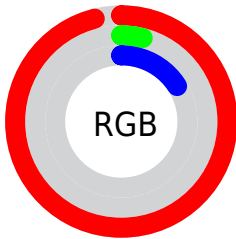
Format	Color
R_{YB}	244, 11, 40
Decimal	15993640
CIE Lab	51.41, 77.16, 50.85
CIE LCh	51, 92.414, 33.385
Yxy	19.6256, 0.6174, 0.3205
Android (android.graphics.Color)	4294183720 (0xFFFF40B28)
YUV	83.9730, -21.6787, 140.3437
Hunter-Lab	44.3008, 74.8238, 25.9212

Details

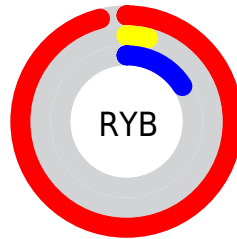
The Hex color **F40B28** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0BF4D7**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6157**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F4001E**, and if you desaturate by 10%, it is **F4233D**.

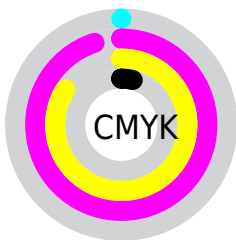
Distribution



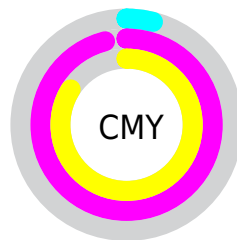
- Red (96%)
- Green (4%)
- Blue (16%)



- Red (96%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (95%)
- Yellow (84%)
- Black (4%)



- Cyan (4%)
- Magenta (96%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color F40B28 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 F40B28 by changing the saturation by 10% instead.

 F40B28

 F40B28

FFFFFF

 D30011

 FF6157

 B20000

 FF8070

 910000

 FF9E8A

 700002

 FFBCA4

 520004

 FFDAC0

 320002

 FFF9DC

 000000

 FFFFF9

 F40B28

 F40B28

 F4001E

 F4233D

 F43C53

 F45468

 F46D7D

 F48593

 F49DA8

 F4B6BE

 F4CED3

 F4E7E8

Harmonies

Analogous

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



FE0075



F40B28



CB5900

Triad

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



F40B28



00962B



0083FF

Complementary

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



F40B28



0BF4D7

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.



0095FF



F40B28



009A82

Square

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



F40B28



348D00



009AD1



7860FF

Rectangle

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



F40B28



A47200



009AD1



008BFF

Sweetspot

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



F40B28



FFB5BE



D50BF4



805358



000000



808080

Same Dimension

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



F40B28



FF0020



F4600B



7A6E70



BA0017



3B0007

Inverse Universe

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



F40B28



FF0020



0B9FF4



7A6E70



BA0017



3B0007

Previews

White Background



This preview shows how the Hex color F40B28 looks on a white background.

Color Contrast Check

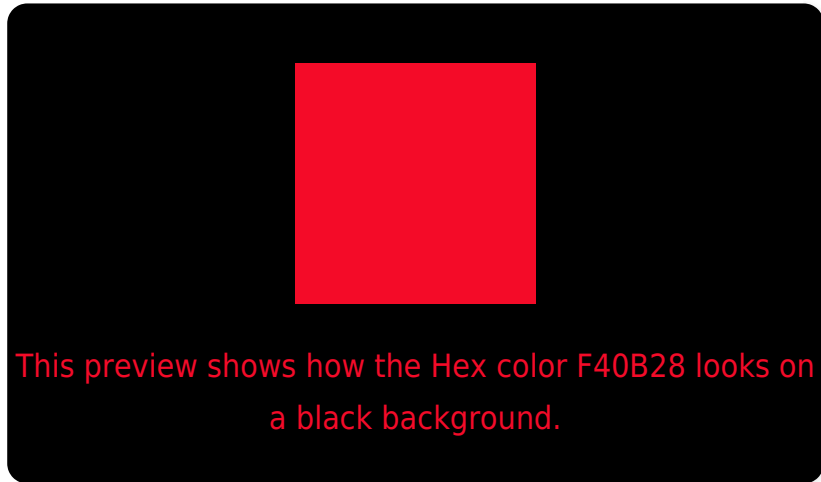
Large Text (above 18pt) WCAG AA ✓ Pass

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 F40B28 Background



This preview shows how black text looks on a background with the Hex color F40B28.



This preview shows how white text looks on a background with the Hex color F40B28.

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
F40B28

Protanopia
887C40

Deuteranopia
9C750B



Tritanopia
F31600

Trichromacy



Original Color
F40B28



Protanomaly
AF5337



Deuteranomaly
BC4E16



Tritanomaly
F3120F

Monochromacy



Original Color
F40B28



Achromatopsia
545454



Achromatomaly
8E3944

CSS Examples

Text

The CSS property to change the color of the text to Hex F40B28 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 #F40B28 looks like.

```
.text, #text, p{  
    color:#F40B28  
}
```

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 #F40B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F40B28
}
```

Border

The CSS property to change the border of an element to Hex F40B28 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".

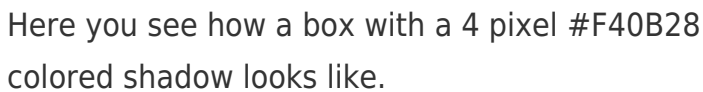
```
.border, #border, table{ border:4px solid
#F40B28 }
```

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

```
.border{ border-color:#F40B28 }
```

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

Here you see how a box with a 4 pixel #F40B28 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F40B28; -webkit-box-shadow:4px 4px  
4px 4px #F40B28; box-shadow:4px 4px 4px  
4px #F40B28 }
```

Background

The CSS property to change the background color of an element to Hex F40B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F40B28 }
```

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

```
.background{ background-color:#F40B28 }
```

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