

# Converting Colors

Hex(F6293B)

Have a look what the booklet for  
Hex(F6293B) contains.

<b>Hex(F6293B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F6293B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6293B
RGB	246, 41, 59
RGB Percent	96%, 16%, 23%
CMY	0.0353, 0.8392, 0.7686
CMYK	0.00, 0.83, 0.76, 0.04
HSL	355°, 92%, 56%
HSV	355°, 83%, 96%
XYZ	39.5884, 21.4945, 6.2000
YIQ	104.3470, 116.4020, 49.0580

# Conversions

## Conversions Part 2

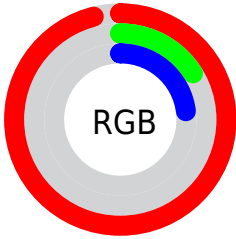
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 41, 59
Decimal	16132411
CIE <sub>Lab</sub>	53.49, 73.89, 42.86
CIE <sub>LCh</sub>	53, 85.425, 30.115
Yxy	21.4945, 0.5884, 0.3195
Android (android.graphics.Color)	4294322491 (0xFFFF6293B)
YUV	104.3470, -22.3561, 124.2297
Hunter-Lab	46.3621, 71.2865, 24.5247

# Details

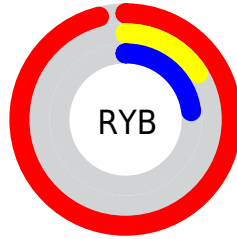
The Hex color **F6293B** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **29F6E4**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6D6B**, and **B40010** is the 20% darker color. If you saturate the color by 10%, you get **F61025**, and if you desaturate by 10%, it is **F64251**.

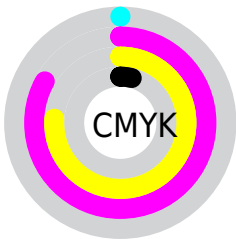
# Distribution



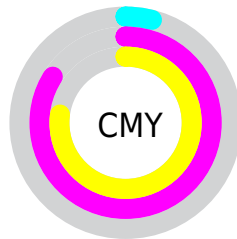
- Red (96%)
- Green (16%)
- Blue (23%)



- Red (96%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (83%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (84%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6293B 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 F6293B by changing the saturation by 10% instead.



 F6293B

 F6293B

FFFFFF

 D50025

 FF6D6B

 B40010

 FF8B84

 940000

 FFA99E

 740000

 FFC7BA

 550003

 FFE5D5

 360002

 FFFFF2

 070000

 000000

 F6293B

 F6293B

 F61025

 F64251

 F60016

 F65A68

 F6737E

 F68B95

 F6A4AB

 F6BDC2

 F6D5D8

 F6EEEF

 F6FFFF

# Harmonies

## Analogous

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



FA0083



F6293B



D35D00

# Triad

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



F6293B



009A2E



008AFF

# Complementary

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



F6293B



29F6E4

# 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.



0099FF



F6293B



009E7E

# Square

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



F6293B



509000



009EC8



716CFF

# Rectangle

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



F6293B



AF7400



009EC8



0090FF



# Sweetspot

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



F6293B



FFBFC5



E229F6



80595D



000000



808080



# Same Dimension

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



F6293B



FF0016



F67B29



7A6E6F



BA0010



3B0005



# Inverse Universe

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



F6293B



FF0016



29A4F6



7A6E6F



BA0010



3B0005



# Previews

## White Background



This preview shows how the Hex color F6293B 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 F6293B Background



This preview shows how black text looks on a background with the Hex color F6293B.



This preview shows how white text looks on a background with the Hex color F6293B.

# 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**  
F6293B

**Protanopia**  
8B8055

**Deuteranopia**  
A07A2D



**Tritanopia**  
F62C2B

# Trichromacy



**Original Color**  
F6293B

**Protanomaly**  
B2604C

**Deuteranomaly**  
BF5D32

**Tritanomaly**  
F62B31

# Monochromacy



**Original Color**  
F6293B

**Achromatopsia**  
686868

**Achromatomaly**  
9C5158

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6293B 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 #F6293B looks like.

```
.text, #text, p{  
    color:#F6293B  
}
```

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 #F6293B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6293B
}
```

## Border

The CSS property to change the border of an element to Hex F6293B 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".

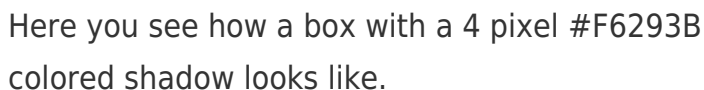
```
.border, #border, table{ border:4px solid
#F6293B }
```

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

```
.border{ border-color:#F6293B }
```

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

Here you see how a box with a 4 pixel #F6293B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6293B; -webkit-box-shadow:4px 4px  
4px 4px #F6293B; box-shadow:4px 4px 4px  
4px #F6293B }
```

# Background

The CSS property to change the background color of an element to Hex F6293B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6293B }
```

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

```
.background{ background-color:#F6293B }
```

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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