

Converting Colors

Hex(F6213B)

Have a look what the booklet for
Hex(F6213B) contains.

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Color

Hex(F6213B)

Conversions

Conversions Part 1

Format	Color
Hex	F6213B
RGB	246, 33, 59
RGB Percent	96%, 13%, 23%
CMY	0.0353, 0.8706, 0.7686
CMYK	0.00, 0.87, 0.76, 0.04
HSL	353°, 92%, 55%
HSV	353°, 87%, 96%
XYZ	39.3393, 20.9963, 6.1170
YIQ	99.6510, 118.6020, 53.2420

Conversions

Conversions Part 2

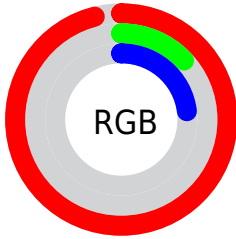
Format	Color
R_{YB}	246, 33, 59
Decimal	16130363
CIE _{Lab}	52.95, 75.44, 42.27
CIE _{LCh}	53, 86.478, 29.264
Yxy	20.9963, 0.5920, 0.3160
Android (android.graphics.Color)	4294320443 (0xFFFF6213B)
YUV	99.6510, -20.0409, 128.3481
Hunter-Lab	45.8217, 73.0595, 24.1603

Details

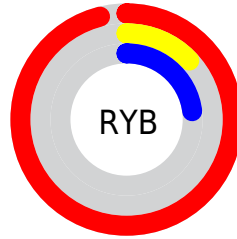
The Hex color **F6213B** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **21F6DC**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF696B**, and **B40010** is the 20% darker color. If you saturate the color by 10%, you get **F60825**, and if you desaturate by 10%, it is **F63A51**.

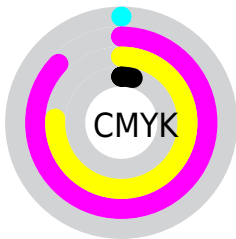
Distribution



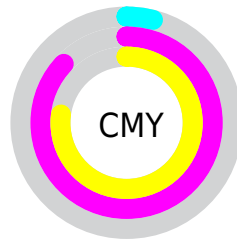
- Red (96%)
- Green (13%)
- Blue (23%)



- Red (96%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (87%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6213B 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 F6213B by changing the saturation by 10% instead.

 F6213B

 F6213B

FFFFFF

 D50025

 FF696B

 B40010

 FF8884

 940000

 FFA59E

 740001

 FFC3B9

 550003

 FFE1D5

 360002

 FFFFF2

 050000

 000000

 F6213B

 F6213B

 F60825

 F63A51

 F6001E

 F65266

 F66B7C

 F68391

 F69CA7

 F6B5BD

 F6CDD2

 F6E6E8

 F6FEFD

Harmonies

Analogous

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



F90084



F6213B



D35A00

Triad

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



F6213B



009829



0089FF

Complementary

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



F6213B



21F6DC

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.



0098FF



F6213B



009C7A

Square

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



F6213B



508E00



009DC6



6A6BFF

Rectangle

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



F6213B



B07200



009DC6



0090FF

Sweetspot

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



F6213B



FFBDC5



DA21F6



80585D



000000



808080

Same Dimension

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



F6213B



FF001F



F66F21



7A6E70



BA0017



3B0007

Inverse Universe

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



F6213B



FF001F



21A8F6



7A6E70



BA0017



3B0007

Previews

White Background



This preview shows how the Hex color F6213B 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 F6213B Background



This preview shows how black text looks on a background with the Hex color F6213B.



This preview shows how white text looks on a background with the Hex color F6213B.

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
F6213B

Protanopia
897F57

Deuteranopia
9F792D



Tritanopia
F52623

Trichromacy



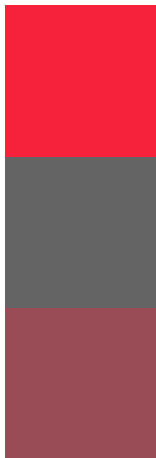
Original Color
F6213B

Protanomaly
B15D4D

Deuteranomaly
BF5932

Tritanomaly
F5242C

Monochromacy



Original Color
F6213B

Achromatopsia
646464

Achromatomaly
994C55

CSS Examples

Text

The CSS property to change the color of the text to Hex F6213B 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 #F6213B looks like.

```
.text, #text, p{  
  color:#F6213B  
}
```

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 #F6213B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6213B
}
```

Border

The CSS property to change the border of an element to Hex F6213B 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".

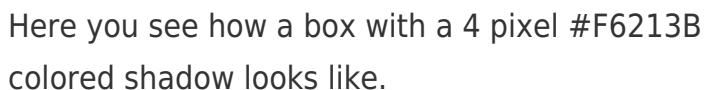
```
.border, #border, table{ border:4px solid
#F6213B }
```

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

```
.border{ border-color:#F6213B }
```

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

Here you see how a box with a 4 pixel #F6213B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6213B; -webkit-box-shadow:4px 4px  
4px 4px #F6213B; box-shadow:4px 4px 4px  
4px #F6213B }
```

Background

The CSS property to change the background color of an element to Hex F6213B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6213B }
```

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

```
.background{ background-color:#F6213B }
```

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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