

Converting Colors

Hex(F51D5E)

Have a look what the booklet for
Hex(F51D5E) contains.

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Color

Hex(F51D5E)

Conversions

Conversions Part 1

Format	Color
Hex	F51D5E
RGB	245, 29, 94
RGB Percent	96%, 11%, 37%
CMY	0.0392, 0.8863, 0.6314
CMYK	0.00, 0.88, 0.62, 0.04
HSL	342°, 92%, 54%
HSV	342°, 88%, 96%
XYZ	40.1159, 21.0994, 12.5479
YIQ	100.9940, 107.8710, 66.0070

Conversions

Conversions Part 2

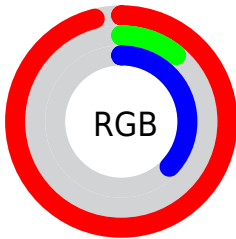
Format	Color
R_{YB}	245, 29, 94
Decimal	16063838
CIE _{Lab}	53.06, 77.39, 21.74
CIE _{LCh}	53, 80.387, 15.689
Yxy	21.0994, 0.5438, 0.2860
Android (android.graphics.Color)	4294253918 (0xFFFF51D5E)
YUV	100.9940, -3.4480, 126.2933
Hunter-Lab	45.9340, 75.5062, 15.9574

Details

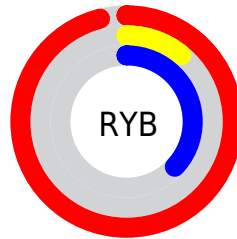
The Hex color **F51D5E** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **1DF5B4**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6890**, and **B50031** is the 20% darker color. If you saturate the color by 10%, you get **F5054D**, and if you desaturate by 10%, it is **F5366F**.

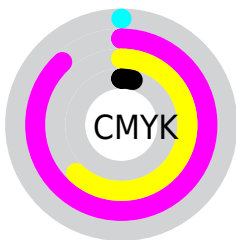
Distribution



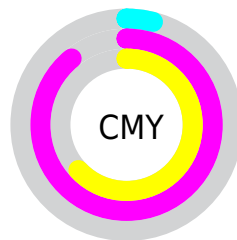
- Red (96%)
- Green (11%)
- Blue (37%)



- Red (96%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (88%)
- Yellow (62%)
- Black (4%)



- Cyan (4%)
- Magenta (89%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color F51D5E 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 F51D5E by changing the saturation by 10% instead.

 F51D5E

 F51D5E

FFFFFF

 D50047

 FF6890

 B50031

 FF87AA

 95001D

 FFA5C6

 760003

 FFC3E1

 570003

 FFE1FE

 380002

 0B0000

 000000

 F51D5E

 F51D5E

 F5054D

 F5366F

 F5004A

 F54E80

 F56791

 F57FA3

 F598B4

 F5B0C5

 F5C9D6

 F5E1E7

 F5FAF8

Harmonies

Analogous

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



E727A3



F51D5E



E14B18

Triad

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



F51D5E



009400



0090FF

Complementary

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



F51D5E



1DF5B4

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.



009AE1



F51D5E



009A5A

Square

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



F51D5E



788700



009CA2



007BFF

Rectangle

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



F51D5E



C56500



009CA2



0095FE

Sweetspot

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



F51D5E



FFBDD1



B11DF5



805864



000000



808080

Same Dimension

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



F51D5E



FF004D



F5451D



7A6E72



BA0038



3B0012

Inverse Universe

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



F51D5E



FF004D



1DCDF5



7A6E72



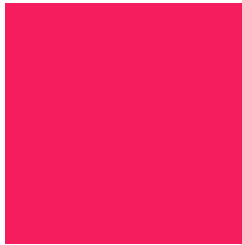
BA0038



3B0012

Previews

White Background



This preview shows how the Hex color F51D5E looks on a white background.

Color Contrast Check

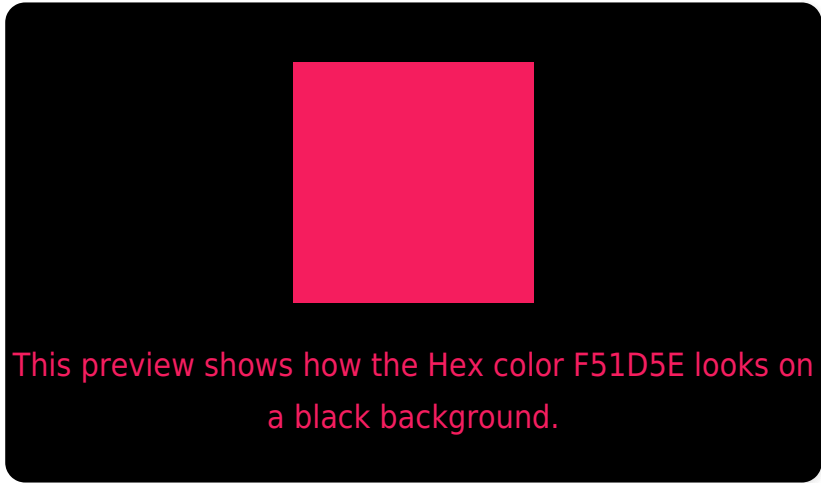
Large Text (above 18pt) WCAG AA ✓ Pass

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 F51D5E Background



This preview shows how black text looks on a background with the Hex color F51D5E.



This preview shows how white text looks on a background with the Hex color F51D5E.

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
F51D5E

Protanopia
7F7F87

Deuteranopia
997A54



Tritanopia
F32D2C

Trichromacy



Original Color
F51D5E



Protanomaly
AA5B78



Deuteranomaly
BA5858



Tritanomaly
F4273E

Monochromacy



Original Color
F51D5E



Achromatopsia
656565



Achromatomaly
994B62

CSS Examples

Text

The CSS property to change the color of the text to Hex F51D5E 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 #F51D5E looks like.

```
.text, #text, p{  
    color:#F51D5E  
}
```

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 #F51D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F51D5E
}
```

Border

The CSS property to change the border of an element to Hex F51D5E 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".

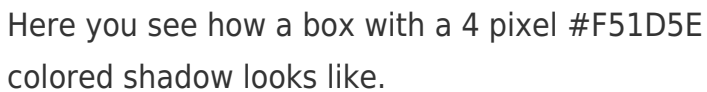
```
.border, #border, table{ border:4px solid
#F51D5E }
```

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

```
.border{ border-color:#F51D5E }
```

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

Here you see how a box with a 4 pixel #F51D5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F51D5E; -webkit-box-shadow:4px 4px  
4px 4px #F51D5E; box-shadow:4px 4px 4px  
4px #F51D5E }
```

Background

The CSS property to change the background color of an element to Hex F51D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F51D5E }
```

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

```
.background{ background-color:#F51D5E }
```

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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