

# Converting Colors

Hex(FB595A)

Have a look what the booklet for  
Hex(FB595A) contains.

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**Color**

**Hex(FB595A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | FB595A                     |
| RGB           | 251, 89, 90                |
| RGB Percent   | 98%, 35%, 35%              |
| CMY           | 0.0157, 0.6510, 0.6471     |
| CMYK          | 0.00, 0.65, 0.64, 0.02     |
| HSL           | 360°, 95%, 67%             |
| HSV           | 360°, 65%, 98%             |
| XYZ           | 45.2015, 28.3922, 12.7707  |
| YIQ           | 137.5520, 96.2310, 34.6550 |

# Conversions

## Conversions Part 2

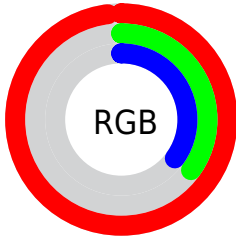
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 251, 89, 90                    |
| Decimal                             | 16472410                       |
| CIELab                              | 60.24, 61.65, 33.55            |
| CIElCh                              | 60, 70.190, 28.555             |
| Yxy                                 | 28.3922, 0.5234,<br>0.3287     |
| Android<br>(android.graphics.Color) | 4294662490<br>(0xFFFB595A)     |
| YUV                                 | 137.5520, -23.4431,<br>99.4939 |
| Hunter-Lab                          | 53.2843, 58.1754,<br>23.0889   |

# Details

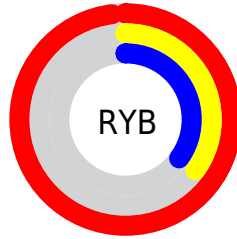
The Hex color **FB595A** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **59FBFA**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF928C**, and **BC162C** is the 20% darker color. If you saturate the color by 10%, you get **FB4041**, and if you desaturate by 10%, it is **FB7273**.

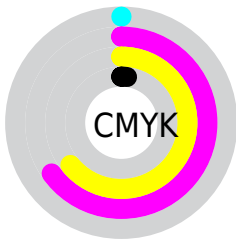
# Distribution



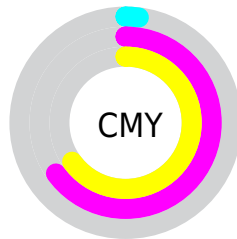
- Red (98%)
- Green (35%)
- Blue (35%)



- Red (98%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (64%)
- Black (2%)



- Cyan (2%)
- Magenta (65%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB595A 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 FB595A by changing the saturation by 10% instead.



 FB595A

 FB595A

FFFFFF

 DB3B42

 FF928C

 BC162C

 FFAFA7

 9C0017

 FFCCC2

 7E0000

 FFE9DE

 5F0000

 FFFFFA

 430003

 210001

 000000

 FB595A

 FB595A

 FB4041

 FB7273

 FB2728

 FB8B8C

 FB0E0F

 FBA4A5

 FB0002

 FBBDBE

 FBD7D7

 FBF0F0

 FBFFFF

# Harmonies

## Analogous

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



FB4F97



FB595A



DF7421

# Triad

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



FB595A



00A94C



009AFF

# Complementary

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



FB595A



59FBFA

# 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.



00A7FA



FB595A



00AD8C

# Square

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



FB595A



749F06



00ADCB



8882FF

# Rectangle

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



FB595A



C28600



00ADCB



009FFF



# Sweetspot

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



FB595A



FFCFCF



F859FB



806262



000000



808080



# Same Dimension

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



FB595A



FF3B3C



FBA759



7D7071



BD0001



3D0000



# Inverse Universe

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



FB595A



FF3B3C



59ADFB



7D7071



BD0001



3D0000



# Previews

## White Background



This preview shows how the Hex color FB595A looks on a white background.

## Color Contrast Check

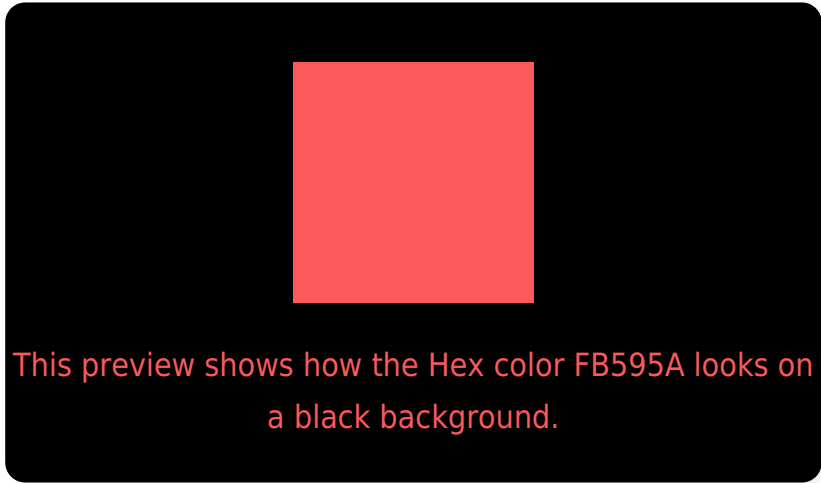
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB595A Background



This preview shows how black text looks on a background with the Hex color FB595A.



This preview shows how white text looks on a background with the Hex color FB595A.

# 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**  
FB595A

**Protanopia**  
9B9171

**Deuteranopia**  
B28B52



# Trichromacy



**Original Color**  
FB595A

**Protanomaly**  
BE7D69

**Deuteranomaly**  
CD7955

**Tritanomaly**  
FB585D

# Monochromacy



**Original Color**  
FB595A

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
B37879

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB595A 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 #FB595A looks like.

```
.text, #text, p{  
    color:#FB595A  
}
```

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 #FB595A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB595A
}
```

## Border

The CSS property to change the border of an element to Hex FB595A 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
#FB595A }
```

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

```
.border{ border-color:#FB595A }
```

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

Here you see how a box with a 4 pixel #FB595A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB595A; -webkit-box-shadow:4px 4px  
4px 4px #FB595A; box-shadow:4px 4px 4px  
4px #FB595A }
```

# Background

The CSS property to change the background color of an element to Hex FB595A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB595A }
```

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

```
.background{ background-color:#FB595A }
```

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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