

# Converting Colors

Hex(FB785A)

Have a look what the booklet for  
Hex(FB785A) contains.

<b>Hex(FB785A)</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(FB785A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB785A
RGB	251, 120, 90
RGB Percent	98%, 47%, 35%
CMY	0.0157, 0.5294, 0.6471
CMYK	0.00, 0.52, 0.64, 0.02
HSL	11°, 95%, 67%
HSV	11°, 64%, 98%
XYZ	48.3456, 34.6804, 13.8187
YIQ	155.7490, 87.7060, 18.4420

# Conversions

## Conversions Part 2

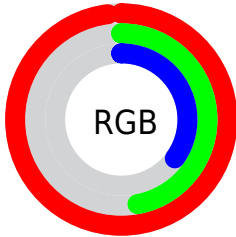
Format	Color
<a href="#">RYB</a>	<a href="#">251, 127, 90</a>
Decimal	<a href="#">16480346</a>
CIELab	<a href="#">65.50, 47.84, 40.01</a>
CIELCh	<a href="#">65, 62.362, 39.907</a>
Yxy	<a href="#">34.6804, 0.4992, 0.3581</a>
Android (android.graphics.Color)	<a href="#">4294670426</a> ( <a href="#">0xFFFB785A</a> )
YUV	<a href="#">155.7490, -32.4143, 83.5351</a>
Hunter-Lab	<a href="#">58.8900, 43.4815, 27.3104</a>

# Details

The Hex color **FB785A** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **5ADDFB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAF8D**, and **BD432B** is the 20% darker color. If you saturate the color by 10%, you get **FB6441**, and if you desaturate by 10%, it is **FB8C73**.

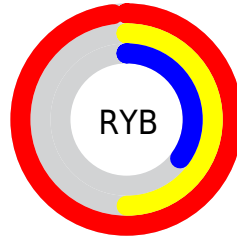
# Distribution



Red (98%)

Green (47%)

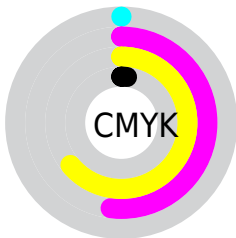
Blue (35%)



Red (98%)

Yellow (50%)

Blue (35%)

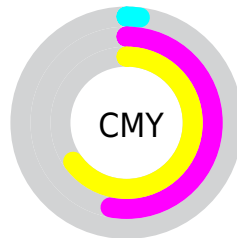


Cyan (0%)

Magenta (52%)

Yellow (64%)

Black (2%)



Cyan (2%)

Magenta (53%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB785A 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 FB785A by changing the saturation by 10% instead.



 FB785A

 FB785A

FFFFFF

 DC5D42

 FFAF8D

 BD432B

 FFCBA7

 9E2714

 FFE8C3

 800100

 FFFFDF

 620000

 FFFFFC

 450000

 290001

 000000

 FB785A

 FB785A

 FB6441

 FB8C73

 FB4F28

 FBA18C

 FB3B0F

 FBB5A5

 FB2F00

 FBCABE

 FBDED8

 FBF3F1

 FBFFFF

# Harmonies

## Analogous

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



FF6A8F



FB785A



DB8E31

# Triad

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



FB785A



00B777



4E9FFF

# Complementary

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



FB785A



5ADDFB

# 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.



00AFFF



FB785A



00BAB1

# Square

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



FB785A



6EB043



00B8E6



BA88F5

# Rectangle

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



FB785A



BC9C22



00B8E6



00A5FF



# Sweetspot

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



FB785A



FFD8CF



FB5ADD



806862



000000



808080



# Same Dimension

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



FB785A



FF5F3B



FBC85A



7D7370



BD2300



3D0B00



# Inverse Universe

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



5ADDFB



3BDAFF



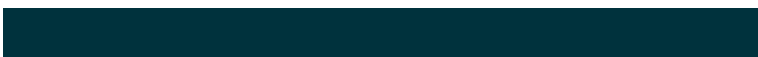
5A8DFB



707B7D



009ABD



00323D



# Previews

## White Background



This preview shows how the Hex color FB785A looks on a white background.

## Color Contrast Check

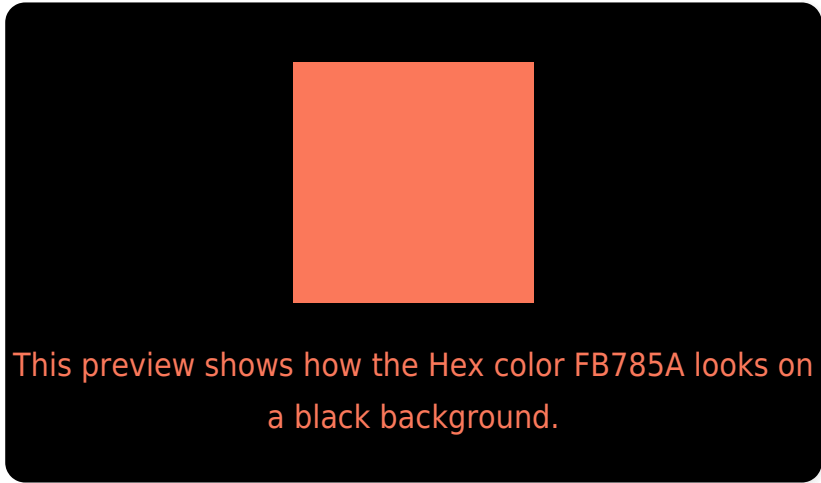
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FB785A Background



This preview shows how black text looks on a background with the Hex color FB785A.

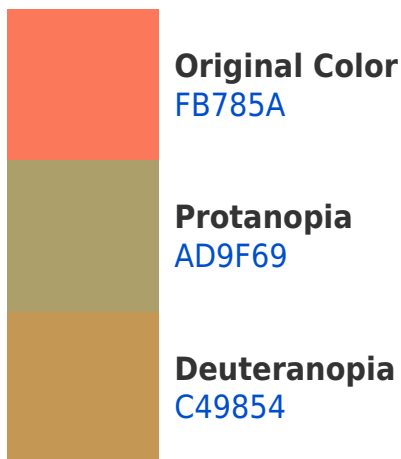


This preview shows how white text looks on a background with the Hex color FB785A.

# 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





**Tritanopia**  
FD747B

# Trichromacy



**Original Color**  
FB785A

**Protanomaly**  
C99164

**Deuteranomaly**  
D88C56

**Tritanomaly**  
FC756F

# Monochromacy



**Original Color**  
FB785A

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
BF8F84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB785A 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 #FB785A looks like.

```
.text, #text, p{  
    color:#FB785A  
}
```

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 #FB785A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB785A
}
```

## Border

The CSS property to change the border of an element to Hex FB785A 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
#FB785A }
```

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

```
.border{ border-color:#FB785A }
```

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

Here you see how a box with a 4 pixel #FB785A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB785A; -webkit-box-shadow:4px 4px  
4px 4px #FB785A; box-shadow:4px 4px 4px  
4px #FB785A }
```

# Background

The CSS property to change the background color of an element to Hex FB785A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB785A }
```

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

```
.background{ background-color:#FB785A }
```

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