

# Converting Colors

Hex(FB8588)

Have a look what the booklet for  
Hex(FB8588) contains.

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# **Color**

**Hex(FB8588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB8588
RGB	251, 133, 136
RGB Percent	98%, 52%, 53%
CMY	0.0157, 0.4784, 0.4667
CMYK	0.00, 0.47, 0.46, 0.02
HSL	358°, 94%, 75%
HSV	358°, 47%, 98%
XYZ	52.6151, 39.0619, 28.0591
YIQ	168.6240, 69.3650, 25.9490

# Conversions

## Conversions Part 2

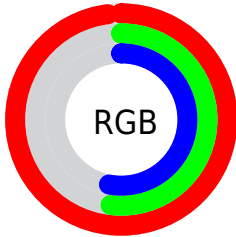
Format	Color
R <sub>Y</sub> B	251, 133, 136
Decimal	16483720
CIE Lab	68.80, 45.04, 18.93
CIE LCh	69, 48.860, 22.792
Yxy	39.0619, 0.4394, 0.3262
Android (android.graphics.Color)	4294673800 (0xFFFB8588)
YUV	168.6240, -16.0836, 72.2438
Hunter-Lab	62.4995, 40.8959, 17.1314

# Details

The Hex color **FB8588** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85FBF8**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBCBD**, and **BF5056** is the 20% darker color. If you saturate the color by 10%, you get **FB6C70**, and if you desaturate by 10%, it is **FB9EA0**.

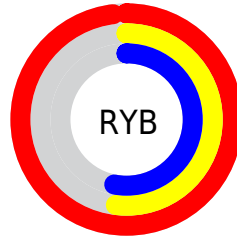
# Distribution



Red (98%)

Green (52%)

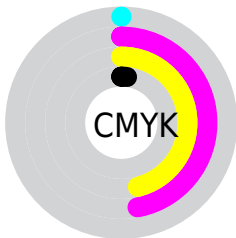
Blue (53%)



Red (98%)

Yellow (52%)

Blue (53%)

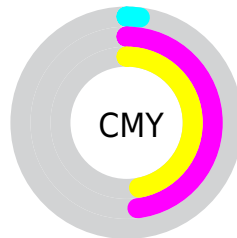


Cyan (0%)

Magenta (47%)

Yellow (46%)

Black (2%)



Cyan (2%)

Magenta (48%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB8588 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 FB8588 by changing the saturation by 10% instead.



 FB8588

 FB8588

FFFFFF

 DD6A6F

 FFBCBD

 BF5056

 FFD9D9

 A1363F

 FFF6F5

 841929

 670015

 4C0000

 320002

 000000

 FB8588

 FB8588

 FB6C70

 FB9EA0

 FB5357

 FBB7B9

 FB3A3F

 FBD0D1

 FB2126

 FBE9EA

 FB080E

 FBFFFF

 FB0006

# Harmonies

## Analogous

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



F484B4



FB8588



EC9263

# Triad

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



FB8588



6CB970



3AB0FF

# Complementary

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



FB8588



85FBF8

# 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.



00BAED



FB8588



00BE9B

# Square

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



FB8588



A1B053



00BEC9



9AA0F9

# Rectangle

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



FB8588



D89C52



00BEC9



00B4FC



# Sweetspot

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



FB8588



FFDBDC



F785FB



806A6A



000000



808080



# Same Dimension

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



FB8588



FF7074



FBBC85



7D7071



BD0005



3D0002



# Inverse Universe

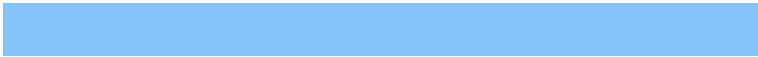
The Inverse Universe completely reimagines the original color for something new.



FB8588



FF7074



85C4FB



7D7071



BD0005



3D0002



# Previews

## White Background



This preview shows how the Hex color FB8588 looks on a white background.

## Color Contrast Check

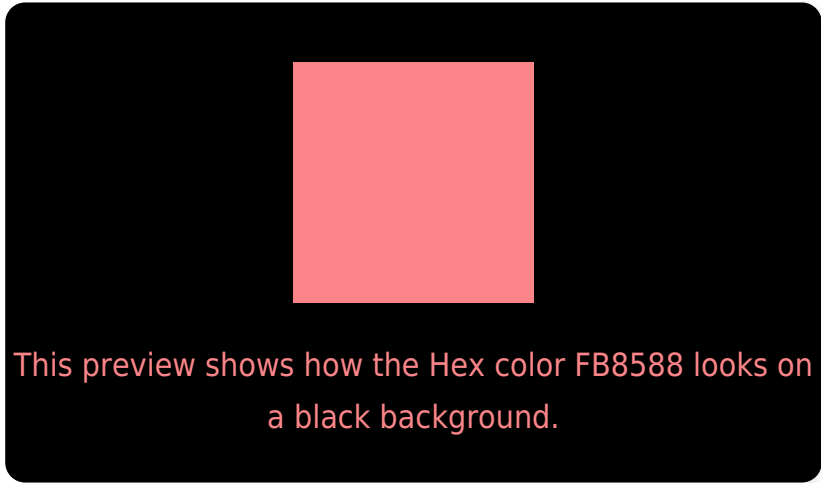
Large Text (above 18pt) WCAG AA × Fail

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 FB8588 Background



This preview shows how black text looks on a background with the Hex color FB8588.

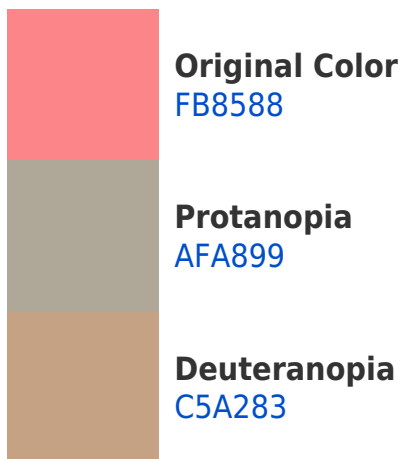


This preview shows how white text looks on a background with the Hex color FB8588.

# 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**  
FB848E

# Trichromacy



**Original Color**  
FB8588



**Protanomaly**  
CB9B93



**Deuteranomaly**  
D99785



**Tritanomaly**  
FB848C

# Monochromacy



**Original Color**  
FB8588



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
C79C9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB8588 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 #FB8588 looks like.

```
.text, #text, p{  
    color:#FB8588  
}
```

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 #FB8588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB8588
}
```

## Border

The CSS property to change the border of an element to Hex FB8588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

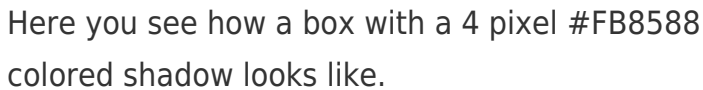
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FB8588 }
```

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

```
.border{ border-color:#FB8588 }
```

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



Here you see how a box with a 4 pixel #FB8588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB8588; -webkit-box-shadow:4px 4px  
4px 4px #FB8588; box-shadow:4px 4px 4px  
4px #FB8588 }
```

# Background

The CSS property to change the background color of an element to Hex FB8588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB8588 }
```

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

```
.background{ background-color:#FB8588 }
```

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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