

# Converting Colors

Hex(FB7049)

Have a look what the booklet for  
Hex(FB7049) contains.

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# **Color**

**Hex(FB7049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB7049
RGB	251, 112, 73
RGB Percent	98%, 44%, 29%
CMY	0.0157, 0.5608, 0.7137
CMYK	0.00, 0.55, 0.71, 0.02
HSL	13°, 96%, 64%
HSV	13°, 71%, 98%
XYZ	46.7804, 32.5786, 10.1260
YIQ	149.1150, 95.3630, 17.3390

# Conversions

## Conversions Part 2

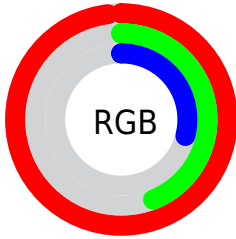
Format	Color
<a href="#">RYB</a>	<a href="#">251, 123, 73</a>
Decimal	<a href="#">16478281</a>
CIELab	<a href="#">63.82, 50.73, 47.00</a>
CIELCh	<a href="#">64, 69.157, 42.819</a>
Yxy	<a href="#">32.5786, 0.5228, 0.3641</a>
Android (android.graphics.Color)	<a href="#">4294668361</a> (0xFFFB7049)
YUV	<a href="#">149.1150, -37.5247, 89.3531</a>
Hunter-Lab	<a href="#">57.0777, 46.4113, 29.4359</a>

# Details

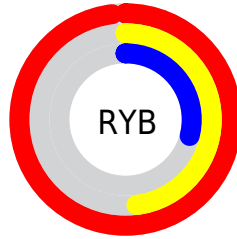
The Hex color **FB7049** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **49D4FB**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFA77B**, and **BC3A19** is the 20% darker color. If you saturate the color by 10%, you get **FB5C30**, and if you desaturate by 10%, it is **FB8462**.

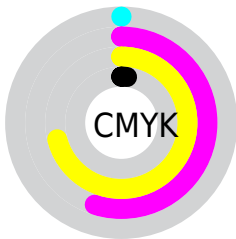
# Distribution



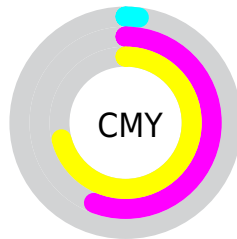
- Red (98%)
- Green (44%)
- Blue (29%)



- Red (98%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (71%)
- Black (2%)



- Cyan (2%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB7049 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 FB7049 by changing the saturation by 10% instead.



 FB7049

 FB7049

FFFFFF

 DB5531

 FFA77B

 BC3A19

 FFC395

 9D1B00

 FFE0B1

 7E0000

 FFFDCC

 600000

 FFFFEE9

 430001

 260001

 000000

 FB7049

 FB7049

 FB5C30

 FB8462

 FB4917

 FB977B

 FB3700

 FBAB94

 FBBEAD

 FBD2C6

 FBE6E0

 FBF9F9

 FBFFFF

# Harmonies

## Analogous

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



FF5C83



FB7049



D58B13

# Triad

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



FB7049



00B574



4499FF

# Complementary

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



FB7049



49D4FB

# 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.



00ABFF



FB7049



00B7B4

# Square

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



FB7049



59AE38



00B5ED



BF7EF6

# Rectangle

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



FB7049



B39A00



00B5ED



00A0FF

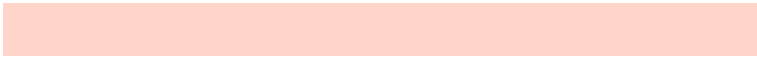


# Sweetspot

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



FB7049



FFD5C9



FB49D4



806760



000000



808080



# Same Dimension

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



FB7049



FF5626



FBC949



7D7370



BD2900



3D0D00



# Inverse Universe

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



49D4FB



26D0FF



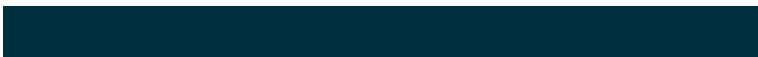
497BFB



707A7D



0093BD



00303D



# Previews

## White Background



This preview shows how the Hex color FB7049 looks on a white background.

## Color Contrast Check

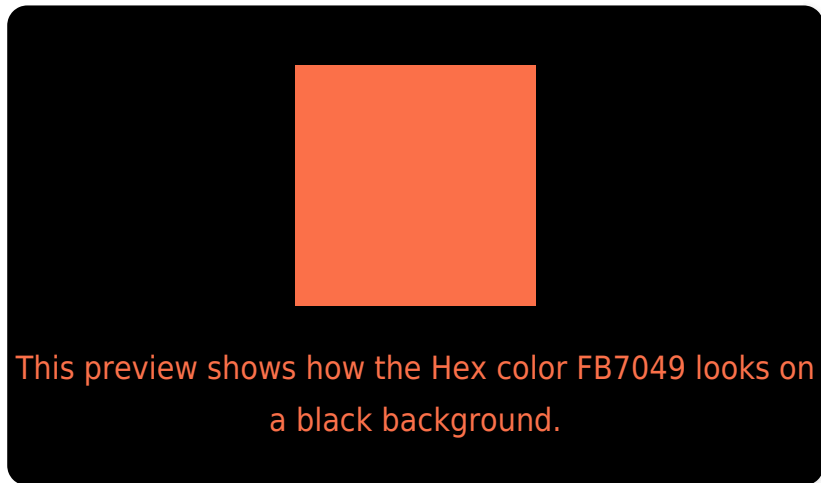
Large Text (above 18pt) WCAG AA × Fail

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 FB7049 Background



This preview shows how black text looks on a background with the Hex color FB7049.



This preview shows how white text looks on a background with the Hex color FB7049.

# 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**  
FB7049

**Protanopia**  
AA9B57

**Deuteranopia**  
C09341



# Trichromacy



**Original Color**  
FB7049

**Protanomaly**  
C78B52

**Deuteranomaly**  
D58644

**Tritanomaly**  
FC6D63

# Monochromacy



**Original Color**  
FB7049

**Achromatopsia**  
959595

**Achromatomaly**  
BA8879

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB7049 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 #FB7049 looks like.

```
.text, #text, p{  
    color:#FB7049  
}
```

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 #FB7049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB7049
}
```

## Border

The CSS property to change the border of an element to Hex FB7049 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
#FB7049 }
```

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

```
.border{ border-color:#FB7049 }
```

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

Here you see how a box with a 4 pixel #FB7049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB7049; -webkit-box-shadow:4px 4px  
4px 4px #FB7049; box-shadow:4px 4px 4px  
4px #FB7049 }
```

# Background

The CSS property to change the background color of an element to Hex FB7049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB7049 }
```

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

```
.background{ background-color:#FB7049 }
```

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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