

# Converting Colors

Hex(FB9603)

Have a look what the booklet for  
Hex(FB9603) contains.

<b>Hex(FB9603)</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(FB9603)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FB9603
RGB	251, 150, 3
RGB Percent	98%, 59%, 1%
CMY	0.0157, 0.4118, 0.9882
CMYK	0.00, 0.40, 0.99, 0.02
HSL	36°, 98%, 50%
HSV	36°, 99%, 98%
XYZ	50.7064, 42.3285, 5.5838
YIQ	163.4410, 107.3830, -24.3050

# Conversions

## Conversions Part 2

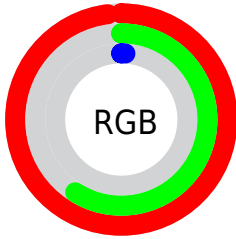
Format	Color
<a href="#">RYB</a>	<a href="#">173, 251, 3</a>
Decimal	<a href="#">16487939</a>
CIELab	<a href="#">71.10, 30.10, 75.86</a>
CIELCh	<a href="#">71, 81.615, 68.357</a>
Yxy	<a href="#">42.3285, 0.5142, 0.4292</a>
Android (android.graphics.Color)	<a href="#">4294678019</a> ( <a href="#">0xFFFB9603</a> )
YUV	<a href="#">163.4410, -79.0974, 76.7892</a>
Hunter-Lab	<a href="#">65.0604, 25.2629, 40.4536</a>

# Details

The Hex color **FB9603** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0368FB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFCD4D**, and **BC6300** is the 20% darker color. If you saturate the color by 10%, you get **FB9500**, and if you desaturate by 10%, it is **FBA01C**.

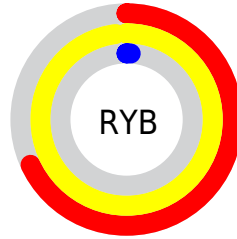
# Distribution



Red (98%)

Green (59%)

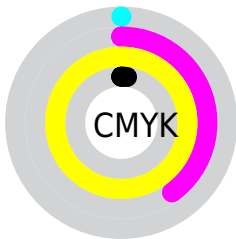
Blue (1%)



Red (68%)

Yellow (98%)

Blue (1%)

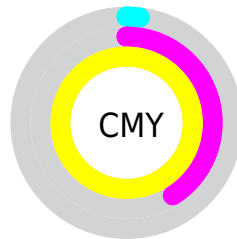


Cyan (0%)

Magenta (40%)

Yellow (99%)

Black (2%)



Cyan (2%)

Magenta (41%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB9603 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 FB9603 by changing the saturation by 10% instead.



 FB9603

 FB9603

FFFFFF

 DB7C00

 FFCD4D

 BC6300


 FFE96A

 9D4A00

 FFFF86

 7E3200

 FFFFA2

 611B00

 FFFFBE

 440200

 FFFFDB

 2C0001

 FFFFF9

 000000

 FB9603

 FB9603

■ FB9500

■ FBA01C

■ FBAA35

■ FBB54E

■ FBBF67

■ FBC981

■ FBD39A

■ FBDEB3

■ FBE8CC

■ FBF2E5

# Harmonies

## Analogous

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



FF7455



FB9603



BDB100

# Triad

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



FB9603



00D0C2



CA90FF

# Complementary

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



FB9603



0368FB

# 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.



00B0FF



FB9603



00CEFF

# Square

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



FB9603



00CC74



00C5FF



FF6CE7

# Rectangle

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



FB9603



8BBE00



00C5FF



A19CFF



# Sweetspot

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



FB9603



FFE0B3



FB036A



806D52



000000



808080



# Same Dimension

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



FB9603



FF9700



E6FB03



7D7870



BD7000



3D2400



# Inverse Universe

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



0368FB



0068FF



1803FB



70767D



004DBD



00193D



# Previews

## White Background



This preview shows how the Hex color FB9603 looks on a white background.

## Color Contrast Check

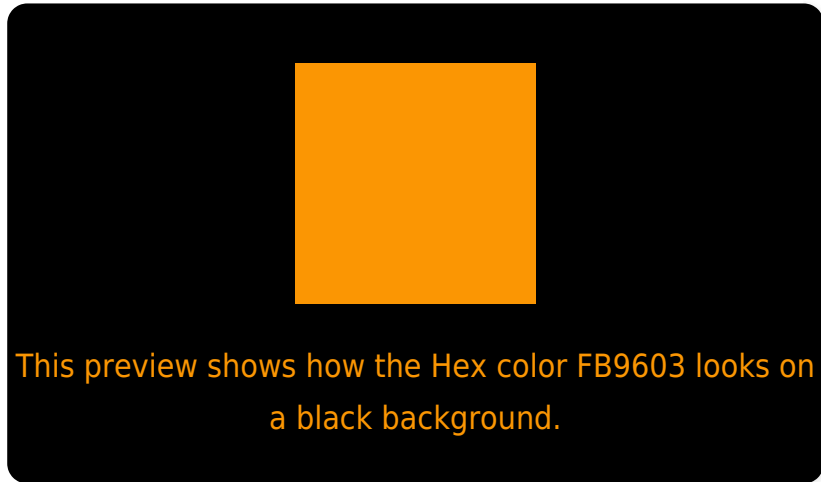
Large Text (above 18pt) WCAG AA × Fail

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 FB9603 Background



This preview shows how black text looks on a background with the Hex color FB9603.



This preview shows how white text looks on a background with the Hex color FB9603.

# 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**  
FB9603

**Protanopia**  
C5AF13

**Deuteranopia**  
DDA600



**Tritanopia**  
FF8C96

# Trichromacy



**Original Color**  
FB9603

**Protanomaly**  
D9A60D

**Deuteranomaly**  
E8A001

**Tritanomaly**  
FE9061

# Monochromacy



**Original Color**  
FB9603

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
C39E69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB9603 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 #FB9603 looks like.

```
.text, #text, p{  
    color:#FB9603  
}
```

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 #FB9603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9603
}
```

## Border

The CSS property to change the border of an element to Hex FB9603 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
#FB9603 }
```

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

```
.border{ border-color:#FB9603 }
```

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

Here you see how a box with a 4 pixel #FB9603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9603; -webkit-box-shadow:4px 4px  
4px 4px #FB9603; box-shadow:4px 4px 4px  
4px #FB9603 }
```

# Background

The CSS property to change the background color of an element to Hex FB9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9603 }
```

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

```
.background{ background-color:#FB9603 }
```

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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