

Converting Colors

Hex(FB6704)

Have a look what the booklet for
Hex(FB6704) contains.

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Color

Hex(FB6704)

Conversions

Conversions Part 1

Format	Color
Hex	FB6704
RGB	251, 103, 4
RGB Percent	98%, 40%, 2%
CMY	0.0157, 0.5961, 0.9843
CMYK	0.00, 0.59, 0.98, 0.02
HSL	24°, 97%, 50%
HSV	24°, 98%, 98%
XYZ	44.6558, 30.2185, 3.5940
YIQ	135.9660, 119.9870, 0.5870

Conversions

Conversions Part 2

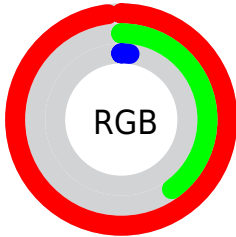
Format	Color
R_{YB}	251, 169, 4
Decimal	16475908
CIE _{Lab}	61.84, 53.17, 70.06
CIE _{LCh}	62, 87.950, 52.800
Yxy	30.2185, 0.5691, 0.3851
Android (android.graphics.Color)	4294665988 (0xFFFB6704)
YUV	135.9660, -65.0592, 100.8848
Hunter-Lab	54.9713, 48.8041, 34.6036

Details

The Hex color **FB6704** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0498FB**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9E46**, and **BA2F00** is the 20% darker color. If you saturate the color by 10%, you get **FB6500**, and if you desaturate by 10%, it is **FB761D**.

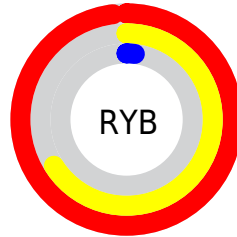
Distribution



Red (98%)

Green (40%)

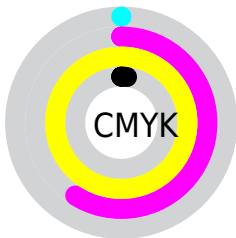
Blue (2%)



Red (98%)

Yellow (66%)

Blue (2%)

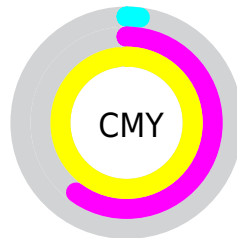


Cyan (0%)

Magenta (59%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (60%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB6704 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 FB6704 by changing the saturation by 10% instead.

 FB6704

 FB6704

FFFFFF

 DA4C00

 FF9E46

 BA2F00

 FFBA61

 9A0A00

 FFD77C

 7A0000

 FFF497

 5C0000

 FFFFB3

 400002

 FFFFCE

 200001

 FFFFEC

 000000

 FB6704

 FB6704

 FB6500

 FB761D

 FB8536

 FB944F

 FBA368

 FBB282

 FBC19B

 FBD0B4

 FBDFCD

 FBEEEE

Harmonies

Analogous

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



FF385F



FB6704



C48C00

Triad

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



FB6704



00B57F



5A89FF

Complementary

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



FB6704



0498FB

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.



00A5FF



FB6704



00B7D0

Square

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



FB6704



00B02A



00B3FF



DE5EF5

Rectangle

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



FB6704



969D00



00B3FF



0094FF

Sweetspot

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



FB6704



FFD1B3



FB0498



806452



000000



808080

Same Dimension

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



FB6704



FF6600



FBE204



7D7570



BD4C00



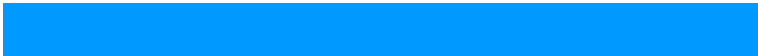
3D1900

Inverse Universe

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



0498FB



0099FF



041DFB



70787D



0071BD



00253D

Previews

White Background



This preview shows how the Hex color FB6704 looks on a white background.

Color Contrast Check

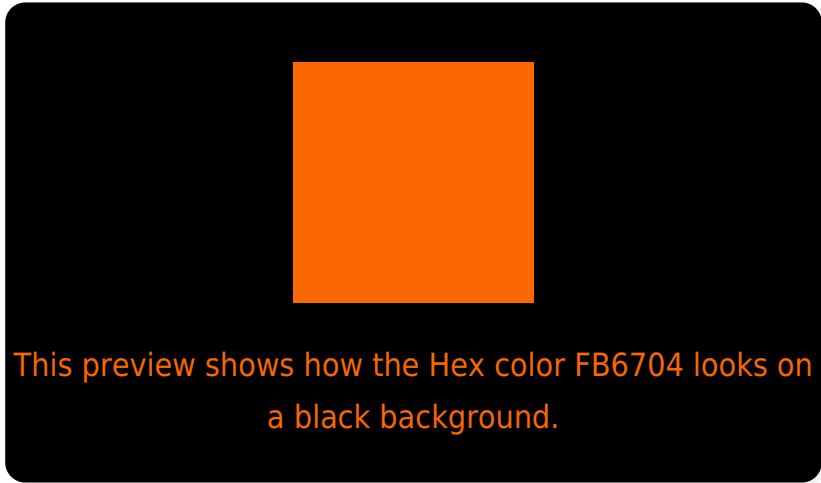
Large Text (above 18pt) WCAG AA × Fail

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 FB6704 Background



This preview shows how black text looks on a background with the Hex color FB6704.



This preview shows how white text looks on a background with the Hex color FB6704.

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

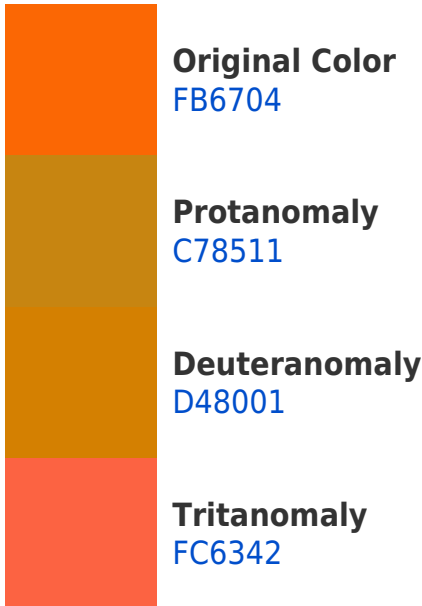


Original Color
FB6704

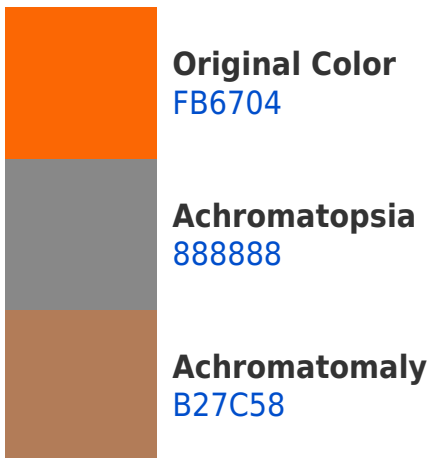
Protanopia
A99619

Deuteranopia
BD8E00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB6704 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 #FB6704 looks like.

```
.text, #text, p{  
    color:#FB6704  
}
```

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 #FB6704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB6704
}
```

Border

The CSS property to change the border of an element to Hex FB6704 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
#FB6704 }
```

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

```
.border{ border-color:#FB6704 }
```

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

Here you see how a box with a 4 pixel #FB6704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB6704; -webkit-box-shadow:4px 4px  
4px 4px #FB6704; box-shadow:4px 4px 4px  
4px #FB6704 }
```

Background

The CSS property to change the background color of an element to Hex FB6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB6704 }
```

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

```
.background{ background-color:#FB6704 }
```

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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