

Converting Colors

Hex(FB4200)

Have a look what the booklet for
Hex(FB4200) contains.

Hex(FB4200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FB4200)

Conversions

Conversions Part 1

Format	Color
Hex	FB4200
RGB	251, 66, 0
RGB Percent	98%, 26%, 0%
CMY	0.0157, 0.7412, 1.0000
CMYK	0.00, 0.74, 1.00, 0.02
HSL	16°, 100%, 49%
HSV	16°, 100%, 98%
XYZ	41.7319, 24.4057, 2.5112
YIQ	113.7910, 131.4460, 18.6940

Conversions

Conversions Part 2

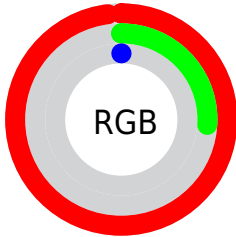
Format	Color
R_{YB}	251, 90, 0
Decimal	16466432
CIE _{Lab}	56.49, 67.56, 68.06
CIE _{LCh}	56, 95.897, 45.209
Yxy	24.4057, 0.6079, 0.3555
Android (android.graphics.Color)	4294656512 (0xFFFB4200)
YUV	113.7910, -56.0990, 120.3323
Hunter-Lab	49.4021, 64.3323, 31.5676

Details

The Hex color **FB4200** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00B9FB**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7E3F**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FB4200**, and if you desaturate by 10%, it is **FB5419**.

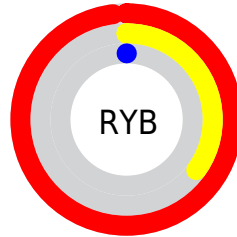
Distribution



Red (98%)

Green (26%)

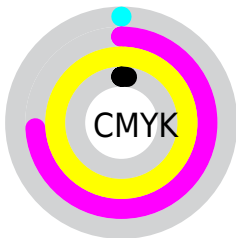
Blue (0%)



Red (98%)

Yellow (35%)

Blue (0%)

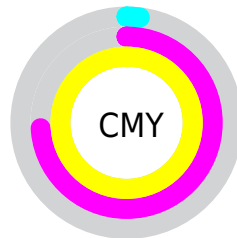


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB4200 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 FB4200 by changing the saturation by 10% instead.

 FB4200

 FB4200

FFFFFF

 DA1C00

 FF7E3F

 B90000

 FF9B59

 980000

 FFB873

 780000

 FFD68E

 580001

 FFF3AA

 3B0002

 FFFFC6

 150000

 FFFF E2

 000000

 FB4200

 FB5419

 FB6732

 FB7A4B

 FB8C64

 FB9F7E

 FBB197

 FBC3B0

 FBD6C9

 FBE8E2

Harmonies

Analogous

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



FF0062



FB4200



C67400

Triad

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



FB4200



00A759



0084FF

Complementary

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



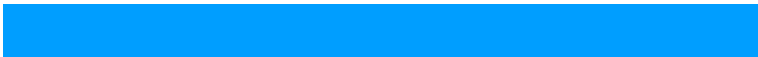
FB4200



00B9FB

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.



009EFF



FB4200



00A9B1

Square

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



FB4200



00A000



00A8FE



BB56FF

Rectangle

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



FB4200



988900



00A8FE



008FFF

Sweetspot

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



FB4200



FFC7B3



FB00BC



805E52



000000



808080

Same Dimension

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



FB4200



FF4300



FBBC00



7D7470



BD3200



3D1000

Inverse Universe

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



00B9FB



00BCFF



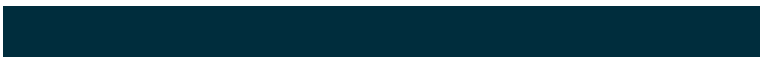
003FFB



707A7D



008BBD



002D3D

Previews

White Background



This preview shows how the Hex color FB4200 looks on a white background.

Color Contrast Check

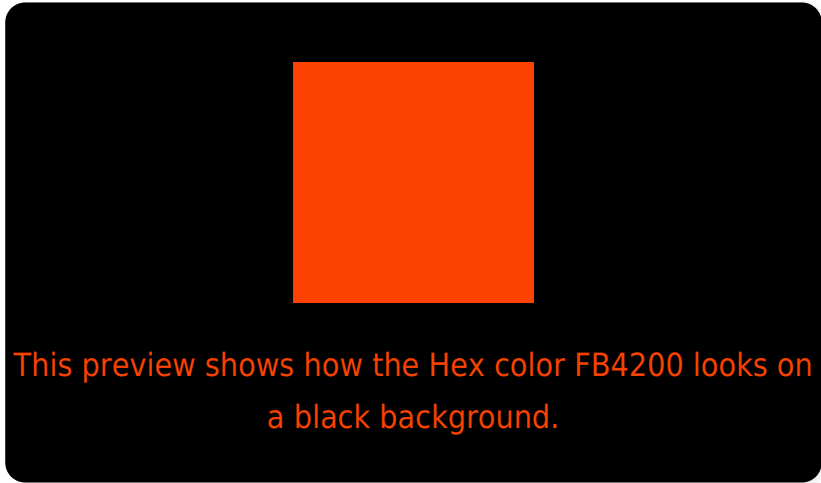
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex FB4200 Background



This preview shows how black text looks on a background with the Hex color FB4200.



This preview shows how white text looks on a background with the Hex color FB4200.

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
FB4200

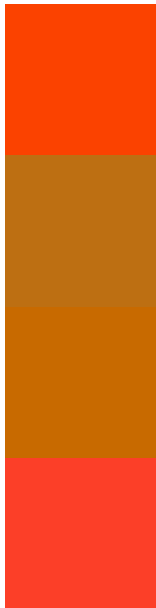
Protanopia
99881C

Deuteranopia
AB8100



Tritanopia
FC3E3F

Trichromacy



Original Color
FB4200

Protanomaly
BD6F12

Deuteranomaly
C86A00

Tritanomaly
FC3F28

Monochromacy



Original Color
FB4200

Achromatopsia
727272

Achromatomaly
A46149

CSS Examples

Text

The CSS property to change the color of the text to Hex FB4200 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 #FB4200 looks like.

```
.text, #text, p{  
    color:#FB4200  
}
```

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 #FB4200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB4200
}
```

Border

The CSS property to change the border of an element to Hex FB4200 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
#FB4200 }
```

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

```
.border{ border-color:#FB4200 }
```

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

Here you see how a box with a 4 pixel #FB4200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB4200; -webkit-box-shadow:4px 4px  
4px 4px #FB4200; box-shadow:4px 4px 4px  
4px #FB4200 }
```

Background

The CSS property to change the background color of an element to Hex FB4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB4200 }
```

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

```
.background{ background-color:#FB4200 }
```

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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