

Converting Colors

Hex(FB2106)

Have a look what the booklet for
Hex(FB2106) contains.

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Color

Hex(FB2106)

Conversions

Conversions Part 1

Format	Color
Hex	FB2106
RGB	251, 33, 6
RGB Percent	98%, 13%, 2%
CMY	0.0157, 0.8706, 0.9765
CMYK	0.00, 0.87, 0.98, 0.02
HSL	7°, 97%, 50%
HSV	7°, 98%, 98%
XYZ	40.3604, 21.6101, 2.2162
YIQ	95.1040, 138.5950, 37.8190

Conversions

Conversions Part 2

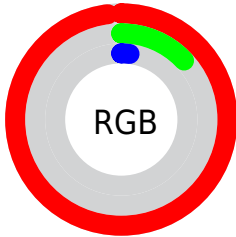
Format	Color
RYB	251, 36, 6
Decimal	16457990
CIELab	53.61, 75.77, 65.41
CIElCh	54, 100.099, 40.804
Yxy	21.6101, 0.6288, 0.3367
Android (android.graphics.Color)	4294648070 (0xFFFB2106)
YUV	95.1040, -43.9283, 136.7208
Hunter-Lab	46.4867, 73.6246, 29.7140

Details

The Hex color **FB2106** 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 **06E0FB**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF693F**, and **B80000** is the 20% darker color. If you saturate the color by 10%, you get **FB1C00**, and if you desaturate by 10%, it is **FB371F**.

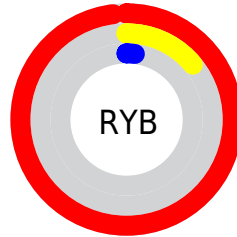
Distribution



Red (98%)

Green (13%)

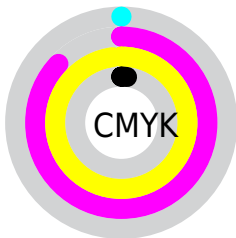
Blue (2%)



Red (98%)

Yellow (14%)

Blue (2%)

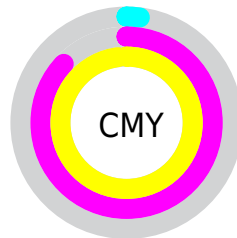


Cyan (0%)

Magenta (87%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB2106 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 FB2106 by changing the saturation by 10% instead.

 FB2106

 FB2106

FFFFFFD

 D90000

 FF693F

 B80000

 FF8858

 970000

 FFA672

 760001

 FFC48D

 570003

 FFE2A8

 380002

 FFFFC4

 0D0000

 FFFFEO

 000000

 FB2106

 FB2106

 FB1C00

 FB371F

 FB4E38

 FB6451

 FB7A6A

 FB9184

 FBA79D

 FBBDB6

 FBD4CF

 FBFAE8

Harmonies

Analogous

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



FF0066



FB2106



C86600

Triad

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



FB2106



009F42



0083FF

Complementary

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



FB2106



06E0FB

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.



0099FF



FB2106



00A29E

Square

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



FB2106



009700



00A1F1



A254FF

Rectangle

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



FB2106



9A7E00



00A1F1



008CFF

Sweetspot

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



FB2106



FFBDB5



FB06E3



805853



000000



808080

Same Dimension

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



FB2106



FF1C00



FB9906



7D7270



BD1500



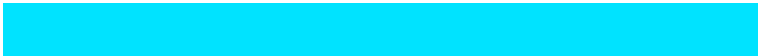
3D0700

Inverse Universe

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



06E0FB



00E3FF



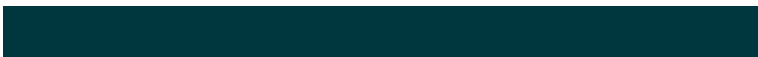
0668FB



707C7D



00A8BD



00363D

Previews

White Background



This preview shows how the Hex color FB2106 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 FB2106 Background



This preview shows how black text looks on a background with the Hex color FB2106.



This preview shows how white text looks on a background with the Hex color FB2106.

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

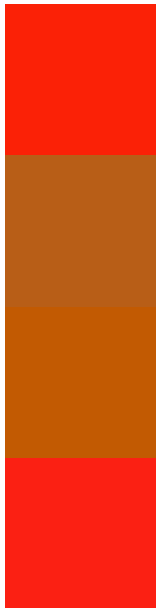


Original Color
FB2106

Protanopia
918120

Deuteranopia
A27A00

Trichromacy



Original Color
FB2106

Protanomaly
B85E17

Deuteranomaly
C25A02

Tritanomaly
FB2013

Monochromacy



Original Color
FB2106

Achromatopsia
5F5F5F

Achromatomaly
98483F

CSS Examples

Text

The CSS property to change the color of the text to Hex FB2106 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 #FB2106 looks like.

```
.text, #text, p{  
    color:#FB2106  
}
```

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 #FB2106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB2106
}
```

Border

The CSS property to change the border of an element to Hex FB2106 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".

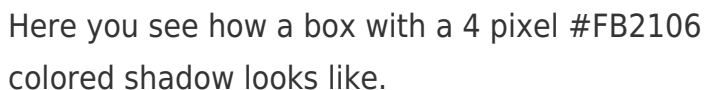
```
.border, #border, table{ border:4px solid
#FB2106 }
```

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

```
.border{ border-color:#FB2106 }
```

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

Here you see how a box with a 4 pixel #FB2106 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB2106; -webkit-box-shadow:4px 4px  
4px 4px #FB2106; box-shadow:4px 4px 4px  
4px #FB2106 }
```

Background

The CSS property to change the background color of an element to Hex FB2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB2106 }
```

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

```
.background{ background-color:#FB2106 }
```

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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