

Converting Colors

Hex(FB2D2B)

Have a look what the booklet for
Hex(FB2D2B) contains.

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Color

Hex(FB2D2B)

Conversions

Conversions Part 1

Format	Color
Hex	FB2D2B
RGB	251, 45, 43
RGB Percent	98%, 18%, 17%
CMY	0.0157, 0.8235, 0.8314
CMYK	0.00, 0.82, 0.83, 0.02
HSL	1°, 96%, 58%
HSV	1°, 83%, 98%
XYZ	41.1581, 22.5604, 4.4708
YIQ	106.3660, 123.4180, 43.0500

Conversions

Conversions Part 2

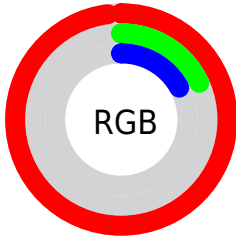
Format	Color
RYB	251, 45, 43
Decimal	16461099
CIELab	54.62, 73.89, 52.75
CIELCh	55, 90.793, 35.524
Yxy	22.5604, 0.6036, 0.3308
Android (android.graphics.Color)	4294651179 (0xFFFB2D2B)
YUV	106.3660, -31.2394, 126.8440
Hunter-Lab	47.4978, 71.5537, 27.6677

Details

The Hex color **FB2D2B** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2BF9FB**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF705B**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FB1412**, and if you desaturate by 10%, it is **FB4644**.

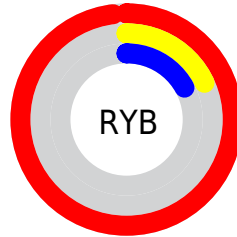
Distribution



Red (98%)

Green (18%)

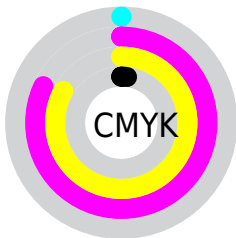
Blue (17%)



Red (98%)

Yellow (18%)

Blue (17%)

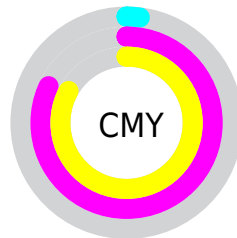


Cyan (0%)

Magenta (82%)

Yellow (83%)

Black (2%)



Cyan (2%)

Magenta (82%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB2D2B 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 FB2D2B by changing the saturation by 10% instead.

 FB2D2B

 FB2D2B

FFFFFF

 DA0014

 FF705B

 B90000

 FF8E74

 980000

 FFAC8E

 780000

 FFCAA9

 580003

 FFE8C5

 3A0002

 FFFFE1

 120000

FFFFFFE

 000000

 FB2D2B

 FB2D2B

 FB1412

 FB4644

 FB0200

 FB5F5D

 FB7876

 FB908F

 FBA9A9

 FBC2C2

 FBDBDB

 FBF4F4

 FBFFFF

Harmonies

Analogous

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



FF0078



FB2D2B



D16500

Triad

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



FB2D2B



009F3B



0089FF

Complementary

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



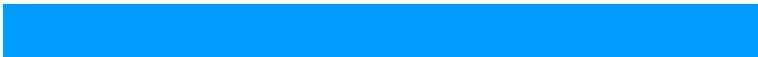
FB2D2B



2BF9FB

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.



009CFF



FB2D2B



00A290

Square

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



FB2D2B



379600



00A2DD



8D65FF

Rectangle

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



FB2D2B



A97C00



00A2DD



0091FF

Sweetspot

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



FB2D2B



FFC0BF



FB2BFB



805A59



000000



808080

Same Dimension

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



FB2D2B



FF0503



FB932B



7D7170



BD0200



3D0100

Inverse Universe

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



2BF9FB



03FDFF



2B93FB



707D7D



00BBBD



003D3D

Previews

White Background



This preview shows how the Hex color FB2D2B looks on a white background.

Color Contrast Check

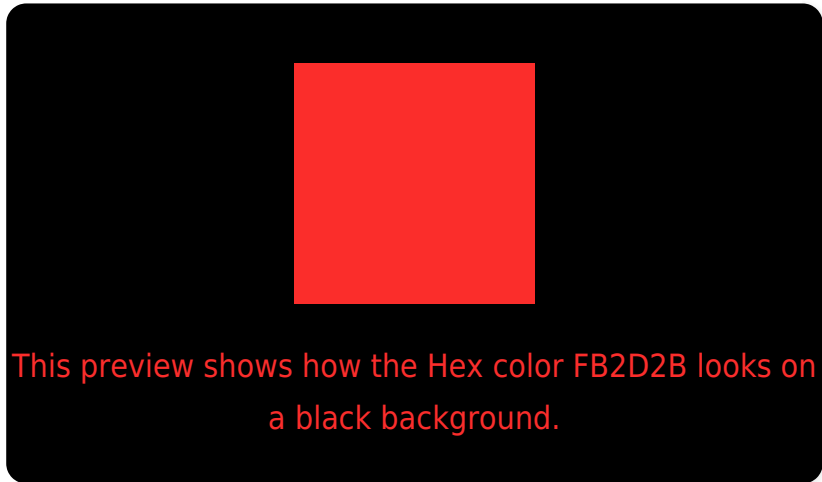
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB2D2B Background



This preview shows how black text looks on a background with the Hex color FB2D2B.



This preview shows how white text looks on a background with the Hex color FB2D2B.

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
FB2D2B

Protanopia
918341

Deuteranopia
A57C13



Trichromacy



Original Color
FB2D2B

Protanomaly
B86439

Deuteranomaly
C45F1C

Tritanomaly
FB2D2C

Monochromacy



Original Color
FB2D2B

Achromatopsia
6A6A6A

Achromatomaly
9F5453

CSS Examples

Text

The CSS property to change the color of the text to Hex FB2D2B 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 #FB2D2B looks like.

```
.text, #text, p{  
    color:#FB2D2B  
}
```

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 #FB2D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB2D2B
}
```

Border

The CSS property to change the border of an element to Hex FB2D2B 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
#FB2D2B }
```

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

```
.border{ border-color:#FB2D2B }
```

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

Here you see how a box with a 4 pixel #FB2D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB2D2B; -webkit-box-shadow:4px 4px  
4px 4px #FB2D2B; box-shadow:4px 4px 4px  
4px #FB2D2B }
```

Background

The CSS property to change the background color of an element to Hex FB2D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB2D2B }
```

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

```
.background{ background-color:#FB2D2B }
```

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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