

# Converting Colors

Hex(FB3D26)

Have a look what the booklet for  
Hex(FB3D26) contains.

|  |    |
|--|----|
| <b>Hex(FB3D26)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(FB3D26)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FB3D26                      |
| RGB         | 251, 61, 38                 |
| RGB Percent | 98%, 24%, 15%               |
| CMY         | 0.0157, 0.7608, 0.8510      |
| CMYK        | 0.00, 0.76, 0.85, 0.02      |
| HSL         | 6°, 96%, 57%                |
| HSV         | 6°, 85%, 98%                |
| XYZ         | 41.8023, 23.9867, 4.2604    |
| YIQ         | 115.1880, 120.6230, 33.1270 |

# Conversions

## Conversions Part 2

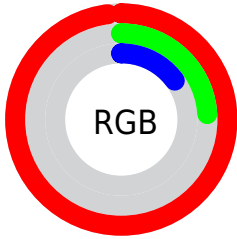
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 251, 64, 38                     |
| Decimal                             | 16465190                        |
| CIE <sub>Lab</sub>                  | 56.07, 69.57, 56.37             |
| CIE <sub>LCh</sub>                  | 56, 89.542, 39.014              |
| Yxy                                 | 23.9867, 0.5968,<br>0.3424      |
| Android<br>(android.graphics.Color) | 4294655270<br>(0xFFFB3D26)      |
| YUV                                 | 115.1880, -38.0537,<br>119.1071 |
| Hunter-Lab                          | 48.9762, 66.6454,<br>29.1257    |

# Details

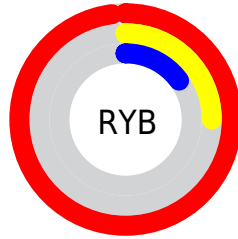
The Hex color **FB3D26** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **26E4FB**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7B57**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FB270D**, and if you desaturate by 10%, it is **FB533F**.

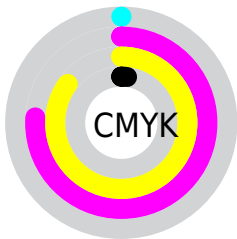
# Distribution



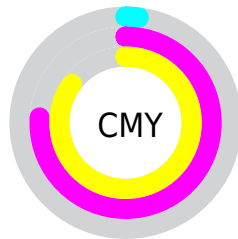
- Red (98%)
- Green (24%)
- Blue (15%)



- Red (98%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (76%)
- Yellow (85%)
- Black (2%)



- Cyan (2%)
- Magenta (76%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB3D26 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 FB3D26 by changing the saturation by 10% instead.



 FB3D26

 FB3D26

FFFFFF

 DA120C

 FF7B57

 B90000

 FF9870

 980000

 FFB58B

 780000

 FFD3A5

 590002

 FFF1C1

 3B0003

 FFFFDD

 150000

 FFFFFA

 000000

 FB3D26

 FB3D26

 FB270D

 FB533F

 FB1B00

 FB6A58

 FB8071

 FB978A

 FBADA4

 FBC3BD

 FBDAD6

 FBF0EF

 FBFFFF

# Harmonies

## Analogous

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



FF0073



FB3D26



CE6D00

# Triad

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



FB3D26



00A34A



0089FF

# Complementary

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



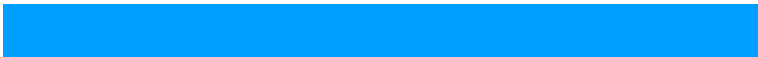
FB3D26



26E4FB

# 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



FB3D26



00A79D

# Square

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



FB3D26



2C9B00



00A6E8



A164FF

# Rectangle

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



FB3D26



A58300



00A6E8



0092FF



# Sweetspot

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



FB3D26



FFC6BF



FB26E6



805D59



000000



808080



# Same Dimension

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



FB3D26



FF1C00



FBA626



7D7270



BD1400



3D0700



# Inverse Universe

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



26E4FB



00E3FF



267BFB



707C7D



00A8BD



00373D



# Previews

## White Background



This preview shows how the Hex color FB3D26 looks on a white background.

## Color Contrast Check

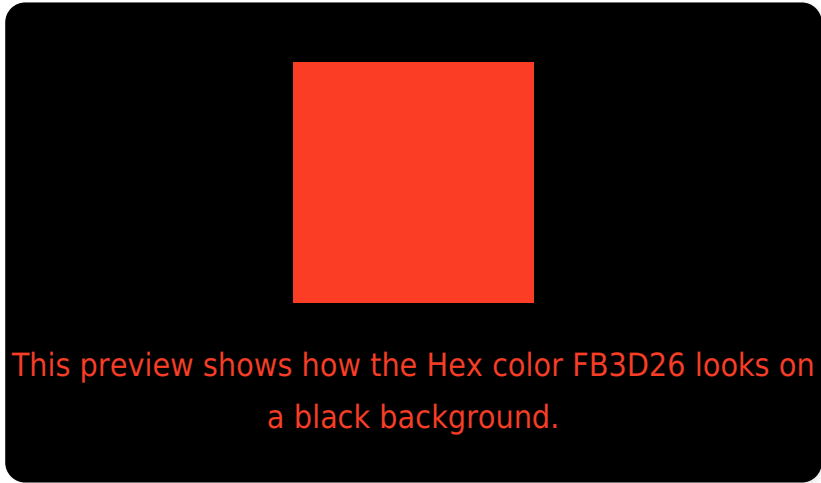
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB3D26 Background



This preview shows how black text looks on a background with the Hex color FB3D26.

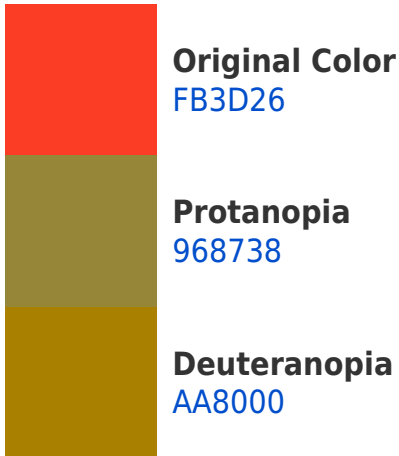


This preview shows how white text looks on a background with the Hex color FB3D26.

# 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





# Trichromacy



**Original Color**  
FB3D26

**Protanomaly**  
BB6C31

**Deuteranomaly**  
C7680E

**Tritanomaly**  
FB3B34

# Monochromacy



**Original Color**  
FB3D26

**Achromatopsia**  
737373

**Achromatomaly**  
A45F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB3D26 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 #FB3D26 looks like.

```
.text, #text, p{  
    color:#FB3D26  
}
```

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 #FB3D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB3D26
}
```

## Border

The CSS property to change the border of an element to Hex FB3D26 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
#FB3D26 }
```

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

```
.border{ border-color:#FB3D26 }
```

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

Here you see how a box with a 4 pixel #FB3D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB3D26; -webkit-box-shadow:4px 4px  
4px 4px #FB3D26; box-shadow:4px 4px 4px  
4px #FB3D26 }
```

# Background

The CSS property to change the background color of an element to Hex FB3D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB3D26 }
```

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

```
.background{ background-color:#FB3D26 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor