

# Converting Colors

Hex(FD4D32)

Have a look what the booklet for  
Hex(FD4D32) contains.

<b>Hex(FD4D32)</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(FD4D32)

# Conversions

## Conversions Part 1

Format	Color
Hex	FD4D32
RGB	253, 77, 50
RGB Percent	99%, 30%, 20%
CMY	0.0078, 0.6980, 0.8039
CMYK	0.00, 0.70, 0.80, 0.01
HSL	8°, 98%, 59%
HSV	8°, 80%, 99%
XYZ	43.7376, 26.4207, 5.8121
YIQ	126.5460, 113.5630, 28.9150

# Conversions

## Conversions Part 2

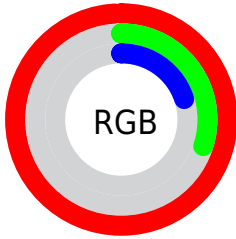
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 81, 50
Decimal	16600370
CIE Lab	58.43, 65.18, 53.03
CIE LCh	58, 84.029, 39.131
Yxy	26.4207, 0.5757, 0.3478
Android (android.graphics.Color)	4294790450 (0xFFFD4D32)
YUV	126.5460, -37.7372, 110.9002
Hunter-Lab	51.4011, 61.9354, 29.2766

# Details

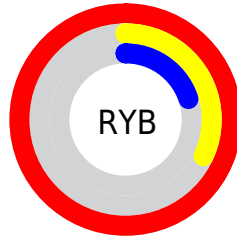
The Hex color **FD4D32** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **32E2FD**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8763**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FD3719**, and if you desaturate by 10%, it is **FD634B**.

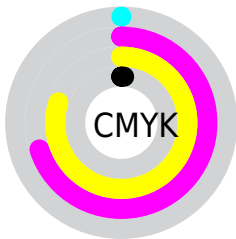
# Distribution



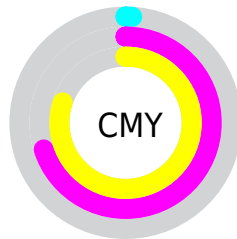
- Red (99%)
- Green (30%)
- Blue (20%)



- Red (99%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (80%)
- Black (1%)



- Cyan (1%)
- Magenta (70%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD4D32 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 FD4D32 by changing the saturation by 10% instead.



 FD4D32

 FD4D32

FFFFFF

 DC2C1A

 FF8763

 BC0000

 FFA47D

 9C0000

 FFC197

 7C0000

 FFDFB2

 5C0001

 FFFDCE

 400003

 FFFFEB

 1D0001

 000000

 FD4D32

 FD4D32

■ FD3719

■ FD634B

■ FD2200

■ FD7965

■ FD8F7E

■ FDA597

■ FDBBB1

■ FDD1CA

■ FDE7E3

■ FDFCFC

FDFFFF

# Harmonies

## Analogous

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



FF2679



FD4D32



D37500

# Triad

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



FD4D32



00A954



008FFF

# Complementary

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



FD4D32



32E2FD

# 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.



00A3FF



FD4D32



00ACA2

# Square

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



FD4D32



3FA100



00ABE9



A86DFF

# Rectangle

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



FD4D32



AC8900



00ABE9



0097FF



# Sweetspot

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



FD4D32



FFCAC2



FD32E5



805F5B



000000



808080



# Same Dimension

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



FD4D32



FF2B0A



FDAF32



807473



BF1900



400800

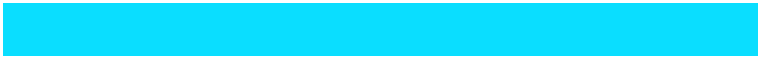


# Inverse Universe

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



32E2FD



0ADEFF



3280FD



737E80



00A6BF



003740



# Previews

## White Background



This preview shows how the Hex color FD4D32 looks on a white background.

## Color Contrast Check

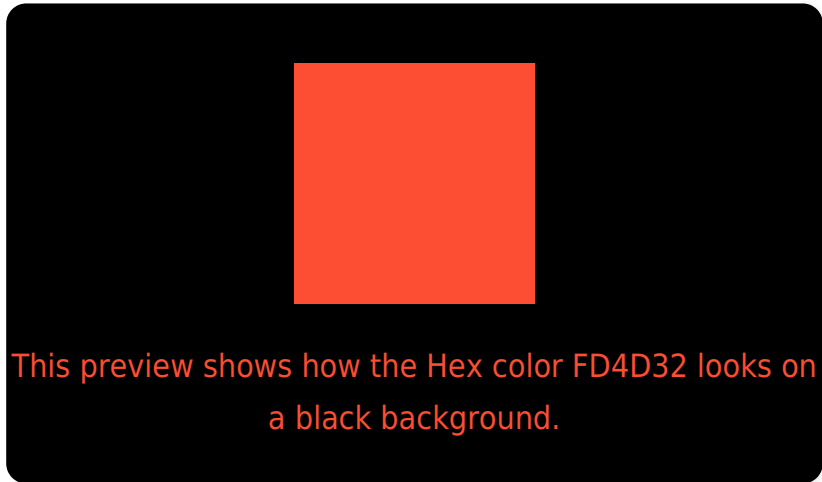
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD4D32 Background



This preview shows how black text looks on a background with the Hex color FD4D32.

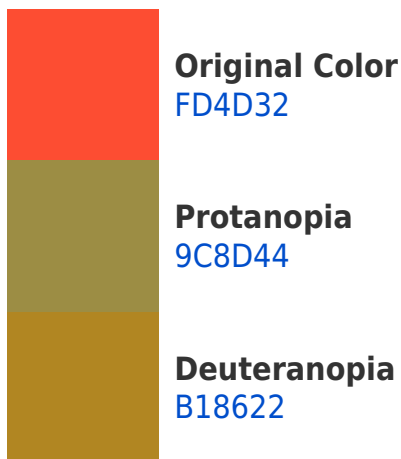


This preview shows how white text looks on a background with the Hex color FD4D32.

# 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





**Tritanopia**  
FE4A4D

# Trichromacy



**Original Color**  
FD4D32

**Protanomaly**  
BF763D

**Deuteranomaly**  
CD7128

**Tritanomaly**  
FE4B43

# Monochromacy



**Original Color**  
FD4D32

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
AD6D63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD4D32 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 #FD4D32 looks like.

```
.text, #text, p{  
    color:#FD4D32  
}
```

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 #FD4D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD4D32
}
```

## Border

The CSS property to change the border of an element to Hex FD4D32 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
#FD4D32 }
```

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

```
.border{ border-color:#FD4D32 }
```

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

Here you see how a box with a 4 pixel #FD4D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD4D32; -webkit-box-shadow:4px 4px  
4px 4px #FD4D32; box-shadow:4px 4px 4px  
4px #FD4D32 }
```

# Background

The CSS property to change the background color of an element to Hex FD4D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD4D32 }
```

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

```
.background{ background-color:#FD4D32 }
```

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