

# Converting Colors

Hex(F8452D)

Have a look what the booklet for  
Hex(F8452D) contains.

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# Color

**Hex(F8452D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8452D
RGB	248, 69, 45
RGB Percent	97%, 27%, 18%
CMY	0.0275, 0.7294, 0.8235
CMYK	0.00, 0.72, 0.82, 0.03
HSL	7°, 94%, 57%
HSV	7°, 82%, 97%
XYZ	41.3132, 24.4022, 5.0153
YIQ	119.7850, 114.3880, 30.4840

# Conversions

## Conversions Part 2

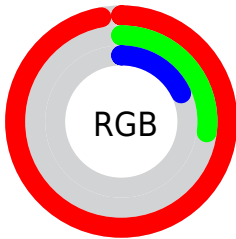
Format	Color
<a href="#">RYB</a>	<a href="#">248, 72, 45</a>
Decimal	<a href="#">16270637</a>
CIELab	<a href="#">56.49, 66.30, 53.29</a>
CIELCh	<a href="#">56, 85.061, 38.789</a>
Yxy	<a href="#">24.4022, 0.5841, 0.3450</a>
Android (android.graphics.Color)	<a href="#">4294460717</a> (0xFFFF8452D)
YUV	<a href="#">119.7850, -36.8690, 112.4446</a>
Hunter-Lab	<a href="#">49.3985, 62.8363, 28.5595</a>

# Details

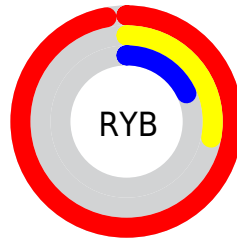
The Hex color **F8452D** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2DE0F8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF805E**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **F82F14**, and if you desaturate by 10%, it is **F85B46**.

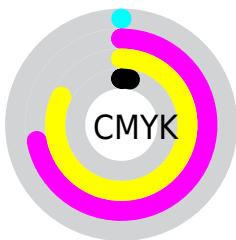
# Distribution



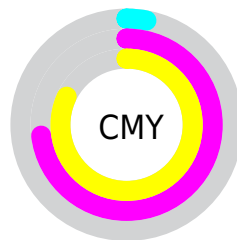
- Red (97%)
- Green (27%)
- Blue (18%)



- Red (97%)
- Yellow (28%)
- Blue (18%)



- Cyan (0%)
- Magenta (72%)
- Yellow (82%)
- Black (3%)



- Cyan (3%)
- Magenta (73%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8452D 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 F8452D by changing the saturation by 10% instead.



 F8452D

 F8452D

FFFFFF

 D72115

 FF805E

 B70000

 FF9D77

 960000

 FFBA91

 760000

 FFD8AC

 570001

 FFF6C8

 3A0002

 FFFF E5

 130000

 000000

 F8452D

 F8452D

 F82F14

 F85B46

 F81D00

 F8715F

 F88777

 F89C90

 F8B2A9

 F8C8C2

 F8DEDB

 F8F4F3

 F8FFFF

# Harmonies

## Analogous

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



FF1375



F8452D



CE6F00

# Triad

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



F8452D



00A44E



008AFF

# Complementary

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



F8452D



2DE0F8

# 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



F8452D



00A79C

# Square

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



F8452D



389C00



00A6E3



A167FC

# Rectangle

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



F8452D



A78400



00A6E3



0092FF



# Sweetspot

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



F8452D



FFC7BF



F82DE0



805E59



000000



808080



# Same Dimension

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



F8452D



FF2305



F8AA2D



7D7270



BD1600



3D0700



# Inverse Universe

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



2DE0F8



05E1FF



2D7BF8



707B7D



00A6BD



00363D



# Previews

## White Background



This preview shows how the Hex color F8452D looks on a white background.

## Color Contrast Check

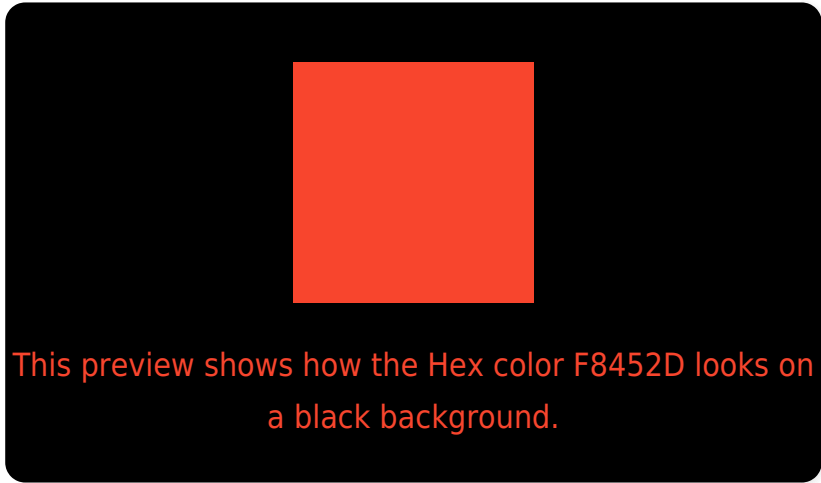
Large Text (above 18pt) WCAG AA ✓ Pass

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 F8452D Background



This preview shows how black text looks on a background with the Hex color F8452D.



This preview shows how white text looks on a background with the Hex color F8452D.

# 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**  
F8452D

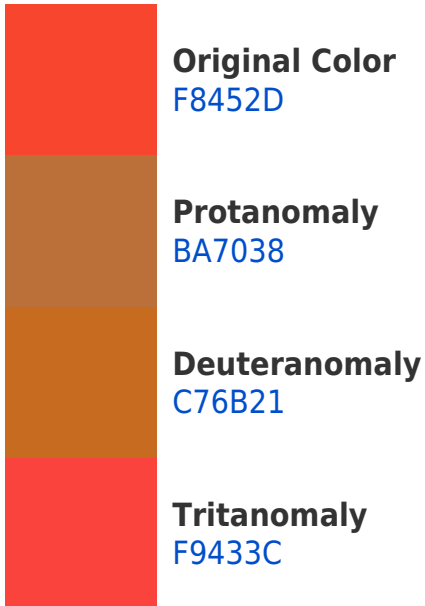
**Protanopia**  
97883F

**Deuteranopia**  
AB811A

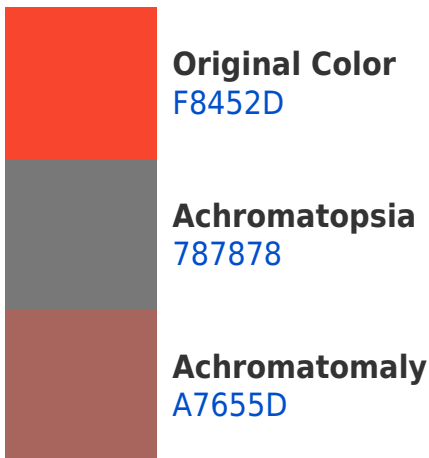


**Tritanopia**  
F94245

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8452D 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 #F8452D looks like.

```
.text, #text, p{  
    color:#F8452D  
}
```

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 #F8452D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8452D
}
```

## Border

The CSS property to change the border of an element to Hex F8452D 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
#F8452D }
```

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

```
.border{ border-color:#F8452D }
```

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

Here you see how a box with a 4 pixel #F8452D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8452D; -webkit-box-shadow:4px 4px  
4px 4px #F8452D; box-shadow:4px 4px 4px  
4px #F8452D }
```

# Background

The CSS property to change the background color of an element to Hex F8452D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8452D }
```

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

```
.background{ background-color:#F8452D }
```

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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