

# Converting Colors

Hex(FA452B)

Have a look what the booklet for  
Hex(FA452B) contains.

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**Color**

**Hex(FA452B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA452B
RGB	250, 69, 43
RGB Percent	98%, 27%, 17%
CMY	0.0196, 0.7294, 0.8314
CMYK	0.00, 0.72, 0.83, 0.02
HSL	8°, 95%, 57%
HSV	8°, 83%, 98%
XYZ	41.9885, 24.7547, 4.8506
YIQ	120.1550, 116.2220, 30.2860

# Conversions

## Conversions Part 2

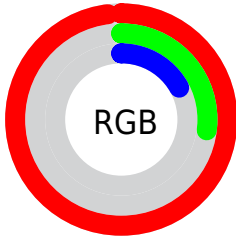
Format	Color
R <sub>Y</sub> B	250, 73, 43
Decimal	16401707
CIE Lab	56.84, 66.86, 54.68
CIE LCh	57, 86.369, 39.278
Yxy	24.7547, 0.5865, 0.3458
Android (android.graphics.Color)	4294591787 (0xFFFA452B)
YUV	120.1550, -38.0374, 113.8741
Hunter-Lab	49.7541, 63.5704, 29.0476

# Details

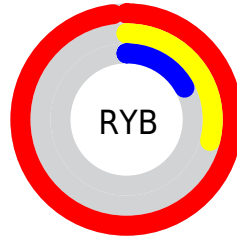
The Hex color **FA452B** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2BE0FA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF815C**, and **B80000** is the 20% darker color. If you saturate the color by 10%, you get **FA2F12**, and if you desaturate by 10%, it is **FA5B44**.

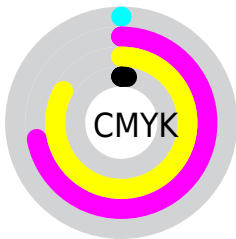
# Distribution



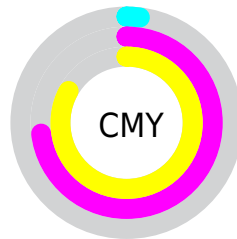
- Red (98%)
- Green (27%)
- Blue (17%)



- Red (98%)
- Yellow (29%)
- Blue (17%)



- Cyan (0%)
- Magenta (72%)
- Yellow (83%)
- Black (2%)



- Cyan (2%)
- Magenta (73%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA452B 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 FA452B by changing the saturation by 10% instead.



 FA452B

 FA452B

FFFFFF

 D92112

 FF815C

 B80000

 FF9D75

 980000

 FFBB90

 780000

 FFD8AB

 590001

 FFF6C6

 3C0003

 FFFFE3

 160000

 000000

 FA452B

 FA452B

 FA2F12

 FA5B44

 FA1F00

 FA715D

 FA8776

 FA9C8F

 FAB2A8

 FAC8C1

 FADEDA

 FAF4F3

 FAFFFF

# Harmonies

## Analogous

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



FF0C75



FA452B



CF7100

# Triad

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



FA452B



00A54F



008BFF

# Complementary

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



FA452B



2BE0FA

# 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.



009FFF



FA452B



00A89F

# Square

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



FA452B



359D00



00A7E7



A467FF

# Rectangle

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



FA452B



A78500



00A7E7



0093FF



# Sweetspot

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



FA452B



FFC7BF



FA2BE2



805E59



000000



808080



# Same Dimension

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



FA452B



FF2203



FAAB2B



7D7270



BD1800

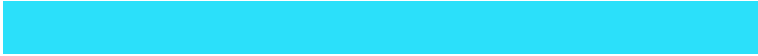


3D0800



# Inverse Universe

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



2BE0FA



03DFFF



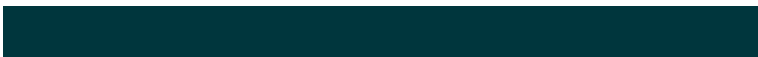
2B7AFA



707B7D



00A5BD



00363D



# Previews

## White Background



This preview shows how the Hex color FA452B looks on a white background.

## Color Contrast Check

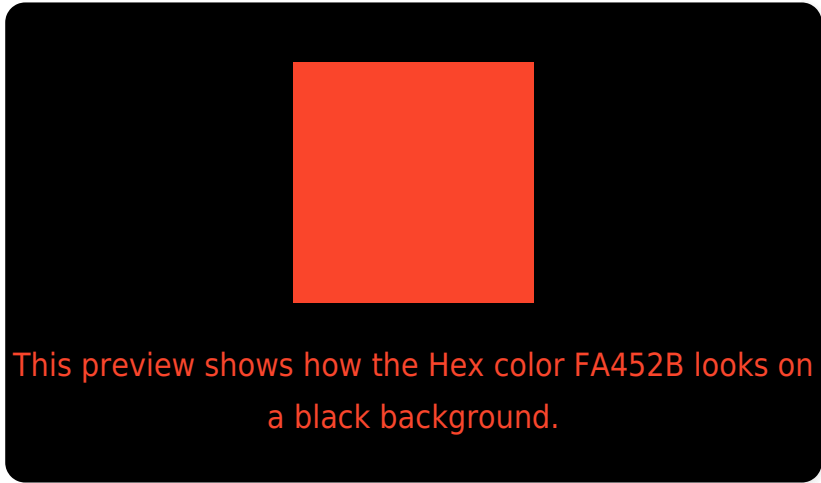
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA452B Background



This preview shows how black text looks on a background with the Hex color FA452B.

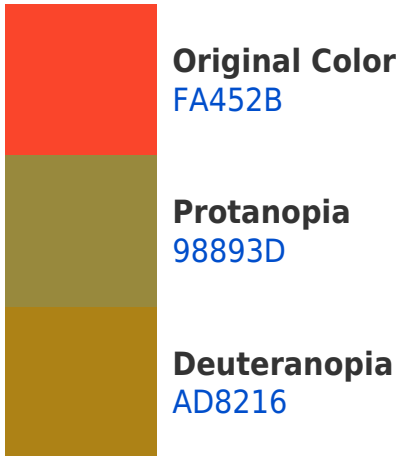


This preview shows how white text looks on a background with the Hex color FA452B.

# Color Blindness Simulation

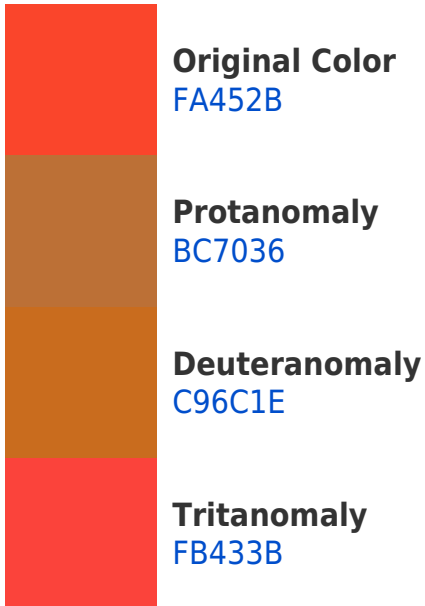
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

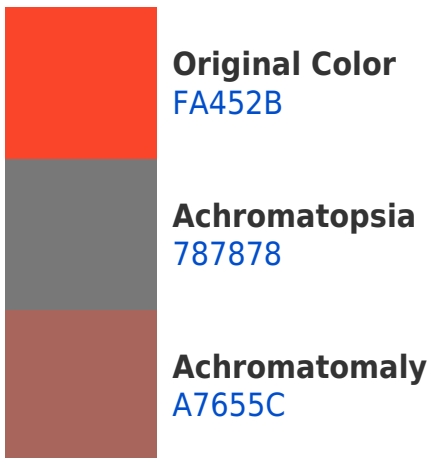




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA452B 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 #FA452B looks like.

```
.text, #text, p{  
    color:#FA452B  
}
```

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 #FA452B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA452B
}
```

## Border

The CSS property to change the border of an element to Hex FA452B 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
#FA452B }
```

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

```
.border{ border-color:#FA452B }
```

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

Here you see how a box with a 4 pixel #FA452B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA452B; -webkit-box-shadow:4px 4px  
4px 4px #FA452B; box-shadow:4px 4px 4px  
4px #FA452B }
```

# Background

The CSS property to change the background color of an element to Hex FA452B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA452B }
```

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

```
.background{ background-color:#FA452B }
```

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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