

# Converting Colors

Hex(FF582A)

Have a look what the booklet for  
Hex(FF582A) contains.

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# Color

Hex(**FF582A**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF582A
RGB	255, 88, 42
RGB Percent	100%, 35%, 16%
CMY	0.0000, 0.6549, 0.8353
CMYK	0.00, 0.65, 0.84, 0.00
HSL	13°, 100%, 58%
HSV	13°, 84%, 100%
XYZ	45.1476, 28.4066, 5.2940
YIQ	132.6890, 114.2980, 21.0980

# Conversions

## Conversions Part 2

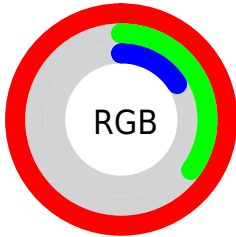
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 101, 42
Decimal	16734250
CIE Lab	60.25, 61.44, 58.48
CIE LCh	60, 84.820, 43.584
Yxy	28.4066, 0.5726, 0.3603
Android (android.graphics.Color)	4294924330 (0xFFFF582A)
YUV	132.6890, -44.7097, 107.2667
Hunter-Lab	53.2979, 57.9328, 31.4193

# Details

The Hex color **FF582A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2AD1FF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF915C**, and **BE1500** is the 20% darker color. If you saturate the color by 10%, you get **FF4410**, and if you desaturate by 10%, it is **FF6C43**.

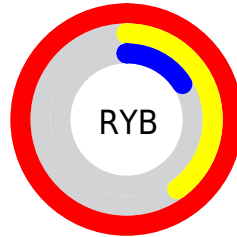
# Distribution



Red (100%)

Green (35%)

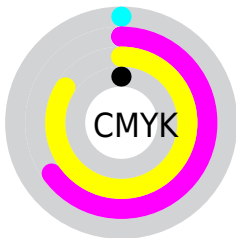
Blue (16%)



Red (100%)

Yellow (40%)

Blue (16%)

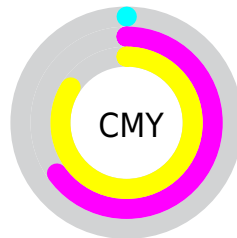


Cyan (0%)

Magenta (65%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF582A 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 FF582A by changing the saturation by 10% instead.



 FF582A

 FF582A

FFFFFF

 DE3A0F

 FF915C

 BE1500

 FFAD76

 9E0000

 FFCA91

 7E0000

 FFE8AC

 5F0000

 FFFFC8

 430003

 FFFFE4

 210001

 000000

 FF582A

 FF582A

 FF4410

 FF6C43

 FF3700

 FF805D

 FF9477

 FFA890

 FFBCAA

 FFD0C3

 FFE4DD

 FFF8F6

FFFFFF

# Harmonies

## Analogous

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



FF2F73



FF582A



D17F00

# Triad

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



FF582A



00AF64



008FFF

# Complementary

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



FF582A



2AD1FF

# 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.



00A6FF



FF582A



00B2B2

# Square

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



FF582A



2DA800



00AFF8



BD6BFF

# Rectangle

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



FF582A



A89100



00AFF8



0098FF



# Sweetspot

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



FF582A



FFCDBF



FF2AD4



806259



000000



808080



# Same Dimension

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



FF582A



FF3700



FFBF2A



807673



BF2900



400E00

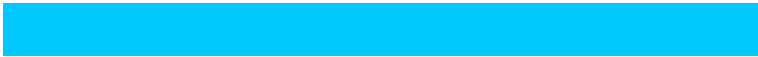


# Inverse Universe

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



2AD1FF



00C8FF



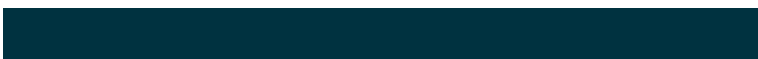
2A6AFF



737D80



0096BF



003240



# Previews

## White Background



This preview shows how the Hex color FF582A looks on a white background.

## Color Contrast Check

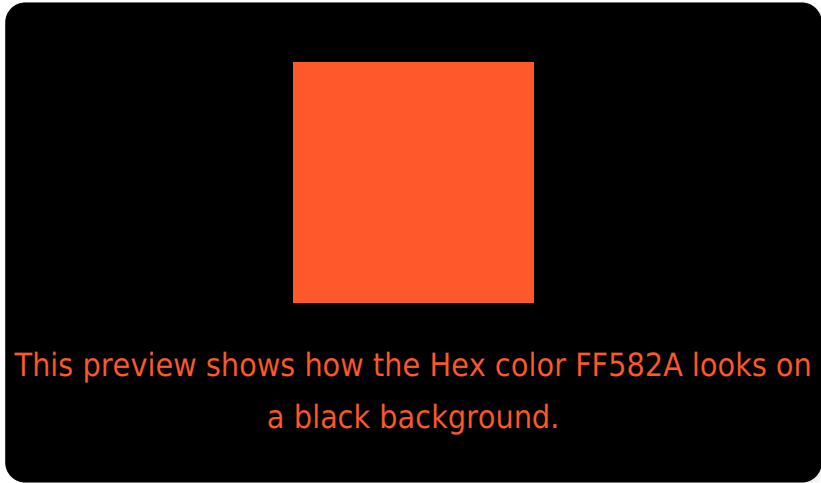
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF582A Background



This preview shows how black text looks on a background with the Hex color FF582A.

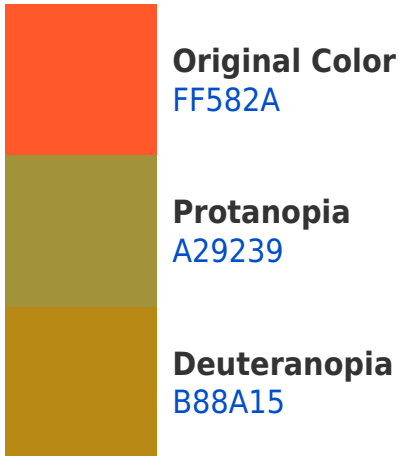


This preview shows how white text looks on a background with the Hex color FF582A.

# 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**  
FF5559

# Trichromacy



**Original Color**  
FF582A

**Protanomaly**  
C47D34

**Deuteranomaly**  
D2781D

**Tritanomaly**  
FF5648

# Monochromacy



**Original Color**  
FF582A

**Achromatopsia**  
858585

**Achromatomaly**  
B17564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF582A 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 #FF582A looks like.

```
.text, #text, p{  
    color:#FF582A  
}
```

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 #FF582A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF582A
}
```

## Border

The CSS property to change the border of an element to Hex FF582A 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
#FF582A }
```

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

```
.border{ border-color:#FF582A }
```

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

Here you see how a box with a 4 pixel #FF582A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF582A; -webkit-box-shadow:4px 4px  
4px 4px #FF582A; box-shadow:4px 4px 4px  
4px #FF582A }
```

# Background

The CSS property to change the background color of an element to Hex FF582A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF582A }
```

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

```
.background{ background-color:#FF582A }
```

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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