

# Converting Colors

Hex(FD4A14)

Have a look what the booklet for  
Hex(FD4A14) contains.

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**Color**

**Hex(FD4A14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD4A14
RGB	253, 74, 20
RGB Percent	99%, 29%, 8%
CMY	0.0078, 0.7098, 0.9216
CMYK	0.00, 0.71, 0.92, 0.01
HSL	14°, 98%, 54%
HSV	14°, 92%, 99%
XYZ	43.0831, 25.8307, 3.3769
YIQ	121.3650, 124.0180, 21.1540

# Conversions

## Conversions Part 2

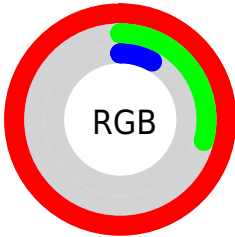
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 90, 20
Decimal	16599572
CIE <sub>Lab</sub>	57.88, 65.65, 64.54
CIE <sub>LCh</sub>	58, 92.060, 44.508
Yxy	25.8307, 0.5960, 0.3573
Android (android.graphics.Color)	4294789652 (0xFFFD4A14)
YUV	121.3650, -49.9729, 115.4439
Hunter-Lab	50.8239, 62.3712, 31.6373

# Details

The Hex color **FD4A14** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **14C7FD**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF854A**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FD3B00**, and if you desaturate by 10%, it is **FD5D2D**.

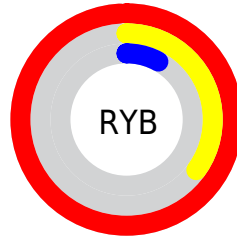
# Distribution



Red (99%)

Green (29%)

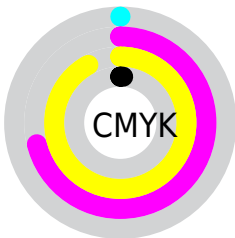
Blue (8%)



Red (99%)

Yellow (35%)

Blue (8%)

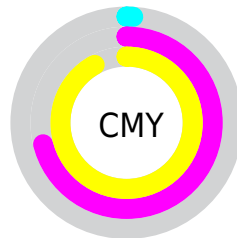


Cyan (0%)

Magenta (71%)

Yellow (92%)

Black (1%)



Cyan (1%)

Magenta (71%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD4A14 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 FD4A14 by changing the saturation by 10% instead.



 FD4A14

 FD4A14

FFFFFF

 DC2800

 FF854A

 BB0000

 FFA164

 9A0000

 FFBE7E

 7A0000

 FFDC99

 5B0001

 FFFAB5

 3E0003

 FFFFD1

 1A0001

 FFFFEE

 000000

 FD4A14

 FD4A14

■ FD3B00

■ FD5D2D

■ FD7147

■ FD8460

■ FD9879

■ FDAB93

■ FDBFAC

■ FDD2C5

■ FDE5DE

■ FDF9F8

# Harmonies

## Analogous

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



FF0068



FD4A14



CA7800

# Triad

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



FD4A14



00AA5D



0089FF

# Complementary

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



FD4A14



14C7FD

# 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.



00A1FF



FD4A14



00ACB1

# Square

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



FD4A14



00A300



00ABFC



BB5EFF

# Rectangle

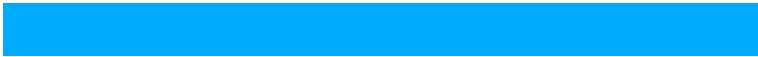
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD4A14



9E8C00



00ABFC



0092FF



# Sweetspot

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



FD4A14



FFC8B8



FD14CB



805E54



000000



808080



# Same Dimension

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



FD4A14



FF3B00



FDBB14



807673



BF2C00



400F00

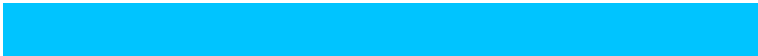


# Inverse Universe

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



14C7FD



00C4FF



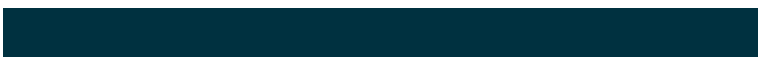
1456FD



737D80



0093BF



003140



# Previews

## White Background



This preview shows how the Hex color FD4A14 looks on a white background.

## Color Contrast Check

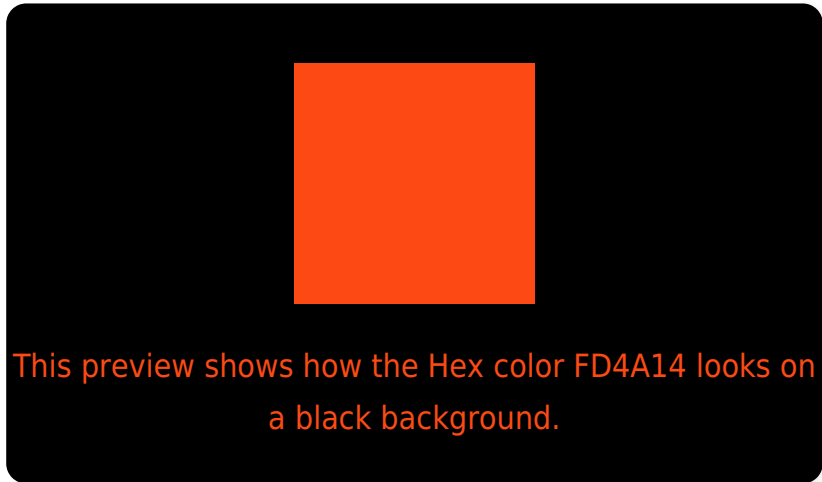
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD4A14 Background



This preview shows how black text looks on a background with the Hex color FD4A14.



This preview shows how white text looks on a background with the Hex color FD4A14.

# 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



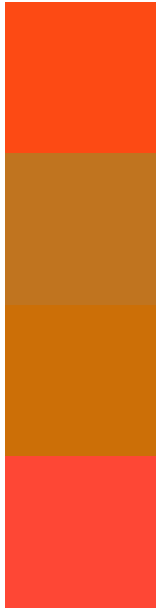
**Original Color**  
FD4A14

**Protanopia**  
9D8C25

**Deuteranopia**  
B08400



# Trichromacy



**Original Color**  
FD4A14

**Protanomaly**  
C0741F

**Deuteranomaly**  
CC6F07

**Tritanomaly**  
FE4735

# Monochromacy



**Original Color**  
FD4A14

**Achromatopsia**  
797979

**Achromatomaly**  
A96854

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD4A14 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 #FD4A14 looks like.

```
.text, #text, p{  
    color:#FD4A14  
}
```

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 #FD4A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD4A14
}
```

## Border

The CSS property to change the border of an element to Hex FD4A14 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
#FD4A14 }
```

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

```
.border{ border-color:#FD4A14 }
```

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

Here you see how a box with a 4 pixel #FD4A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD4A14; -webkit-box-shadow:4px 4px  
4px 4px #FD4A14; box-shadow:4px 4px 4px  
4px #FD4A14 }
```

# Background

The CSS property to change the background color of an element to Hex FD4A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD4A14 }
```

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

```
.background{ background-color:#FD4A14 }
```

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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