

# Converting Colors

Hex(F84123)

Have a look what the booklet for  
Hex(F84123) contains.

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**Color**

**Hex(F84123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F84123
RGB	248, 65, 35
RGB Percent	97%, 25%, 14%
CMY	0.0275, 0.7451, 0.8627
CMYK	0.00, 0.74, 0.86, 0.03
HSL	8°, 94%, 55%
HSV	8°, 86%, 97%
XYZ	40.9051, 23.8584, 4.0393
YIQ	116.2970, 118.6980, 29.4660

# Conversions

## Conversions Part 2

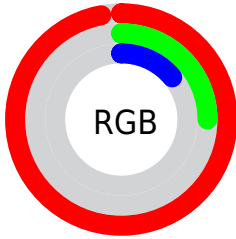
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 70, 35
Decimal	16269603
CIE <sub>Lab</sub>	55.95, 67.39, 57.34
CIE <sub>LCh</sub>	56, 88.483, 40.395
Yxy	23.8584, 0.5945, 0.3468
Android (android.graphics.Color)	4294459683 (0xFFFF84123)
YUV	116.2970, -40.0794, 115.5035
Hunter-Lab	48.8451, 64.0051, 29.2885

# Details

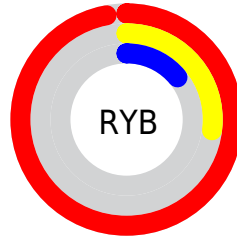
The Hex color **F84123** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **23DAF8**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF7D54**, and **B60000** is the 20% darker color. If you saturate the color by 10%, you get **F82C0A**, and if you desaturate by 10%, it is **F8563C**.

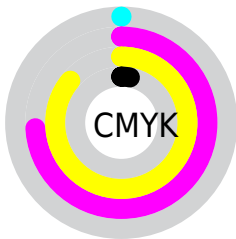
# Distribution



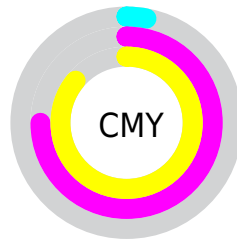
- Red (97%)
- Green (25%)
- Blue (14%)



- Red (97%)
- Yellow (27%)
- Blue (14%)



- Cyan (0%)
- Magenta (74%)
- Yellow (86%)
- Black (3%)



- Cyan (3%)
- Magenta (75%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F84123 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 F84123 by changing the saturation by 10% instead.



 F84123

 F84123

FFFFFF

 D71B07

 FF7D54

 B60000

 FF9A6E

 960000

 FFB788

 760000

 FFD5A3

 570002

 FFF2BE

 390002

 FFFFDB

 100000

 FFFFF7

 000000

 F84123

 F84123

 F82C0A

 F8563C

 F82300

 F86C55

 F8816D

 F89686

 F8AC9F

 F8C1B8

 F8D6D1

 F8EBE9

 F8FFFF

# Harmonies

## Analogous

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



FF006F



F84123



CB6F00

# Triad

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



F84123



00A34E



0088FF

# Complementary

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



F84123



23DAF8

# 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.



009DFF



F84123



00A6A0

# Square

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



F84123



259B00



00A5E9



A662FD

# Rectangle

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



F84123



A28400



00A5E9



0090FF



# Sweetspot

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



F84123



FFC6BD



F823DC



805E58



000000



808080



# Same Dimension

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



F84123



FF2400



F8AA23



7D7270



BD1B00

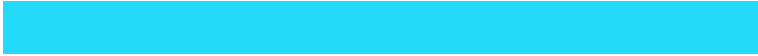


3D0900

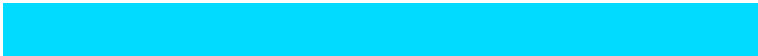


# Inverse Universe

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



23DAF8



00DBFF



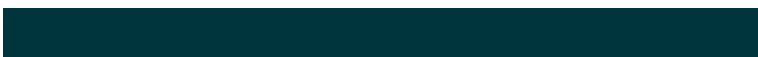
2371F8



707B7D



00A2BD



00353D



# Previews

## White Background



This preview shows how the Hex color F84123 looks on a white background.

## Color Contrast Check

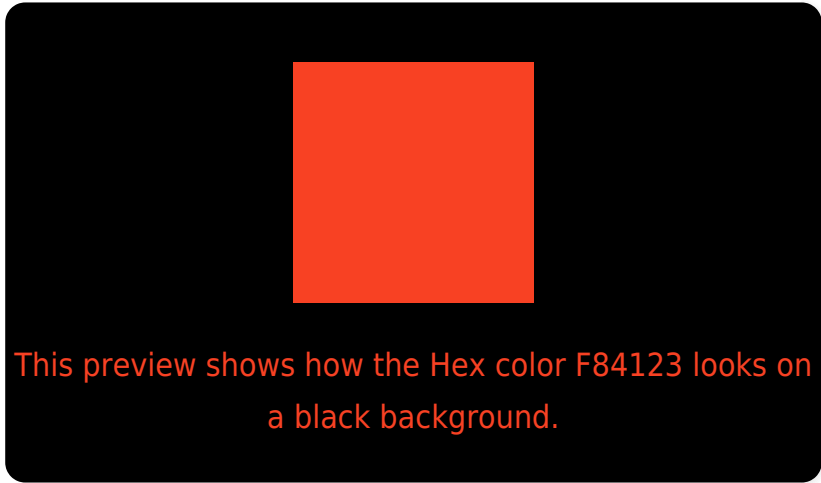
Large Text (above 18pt) WCAG AA ✓ Pass

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 F84123 Background



This preview shows how black text looks on a background with the Hex color F84123.



This preview shows how white text looks on a background with the Hex color F84123.

# 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**  
F84123

**Protanopia**  
968734

**Deuteranopia**  
AA7F00



**Tritanopia**  
F93E40

# Trichromacy



**Original Color**  
F84123

**Protanomaly**  
BA6E2E

**Deuteranomaly**  
C6680D

**Tritanomaly**  
F93F35

# Monochromacy



**Original Color**  
F84123

**Achromatopsia**  
747474

**Achromatomaly**  
A46157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F84123 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 #F84123 looks like.

```
.text, #text, p{  
  color:#F84123  
}
```

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 #F84123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F84123
}
```

## Border

The CSS property to change the border of an element to Hex F84123 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".

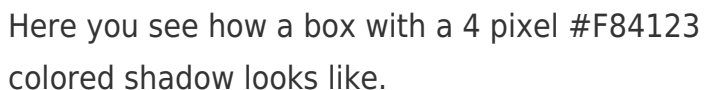
```
.border, #border, table{ border:4px solid
#F84123 }
```

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

```
.border{ border-color:#F84123 }
```

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

Here you see how a box with a 4 pixel #F84123 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #F84123 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F84123; -webkit-box-shadow:4px 4px  
4px 4px #F84123; box-shadow:4px 4px 4px  
4px #F84123 }
```

# Background

The CSS property to change the background color of an element to Hex F84123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F84123 }
```

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

```
.background{ background-color:#F84123 }
```

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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