

Converting Colors

Hex(F74D23)

Have a look what the booklet for
Hex(F74D23) contains.

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Color

Hex(F74D23)

Conversions

Conversions Part 1

Format	Color
Hex	F74D23
RGB	247, 77, 35
RGB Percent	97%, 30%, 14%
CMY	0.0314, 0.6980, 0.8627
CMYK	0.00, 0.69, 0.86, 0.03
HSL	12°, 93%, 55%
HSV	12°, 86%, 97%
XYZ	41.3150, 25.2033, 4.2773
YIQ	123.0420, 114.8020, 22.9780

Conversions

Conversions Part 2

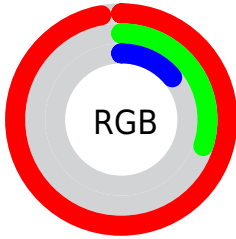
Format	Color
R _Y B	247, 87, 35
Decimal	16207139
CIE Lab	57.27, 62.92, 58.34
CIE LCh	57, 85.811, 42.837
Yxy	25.2033, 0.5836, 0.3560
Android (android.graphics.Color)	4294397219 (0xFFFF74D23)
YUV	123.0420, -43.4047, 108.7112
Hunter-Lab	50.2028, 59.0437, 30.0905

Details

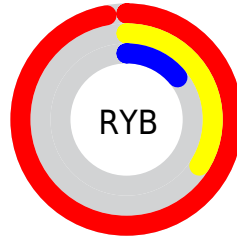
The Hex color **F74D23** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **23CDF7**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8755**, and **B60000** is the 20% darker color. If you saturate the color by 10%, you get **F7390A**, and if you desaturate by 10%, it is **F7613C**.

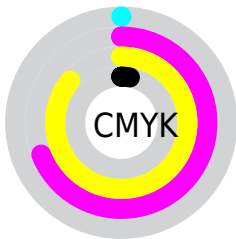
Distribution



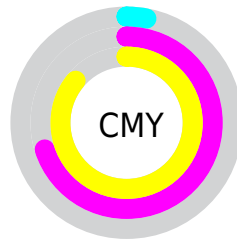
- Red (97%)
- Green (30%)
- Blue (14%)



- Red (97%)
- Yellow (34%)
- Blue (14%)



- Cyan (0%)
- Magenta (69%)
- Yellow (86%)
- Black (3%)



- Cyan (3%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color F74D23 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 F74D23 by changing the saturation by 10% instead.

 F74D23

 F74D23

FFFFFF

 D62D06

 FF8755

 B60000

 FFA36F

 950000

 FFC089

 760000

 FFDDA4

 570001

 FFFBC0

 3A0002

 FFFFDC

 130000

 FFFFF9

 000000

 F74D23

 F74D23

 F7390A

 F7613C

 F73100

 F77554

 F7886D

 F79C86

 F7B09F

 F7C4B7

 F7D8D0

 F7EBE9

 F7FFFF

Harmonies

Analogous

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



FF196D



F74D23



C97600

Triad

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



F74D23



00A75A



0089FF

Complementary

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



F74D23



23CDF7

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



F74D23



00A9A9

Square

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



F74D23



229F00



00A8EF



B263F9

Rectangle

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



F74D23



A08900



00A8EF



0091FF

Sweetspot

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



F74D23



FFCABD



F723D0



806058



000000



808080

Same Dimension

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



F74D23



FF3300



F7B423



7A716E



BA2500



3B0C00

Inverse Universe

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



23CDF7



00CCFF



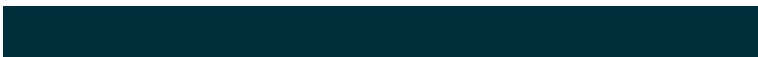
2366F7



6E787A



0095BA



002F3B

Previews

White Background



This preview shows how the Hex color F74D23 looks on a white background.

Color Contrast Check

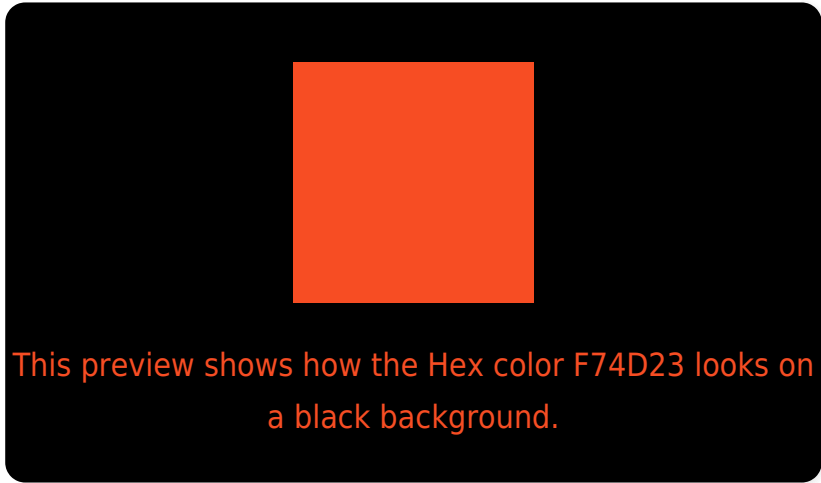
Large Text (above 18pt) WCAG AA ✓ Pass

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 F74D23 Background



This preview shows how black text looks on a background with the Hex color F74D23.

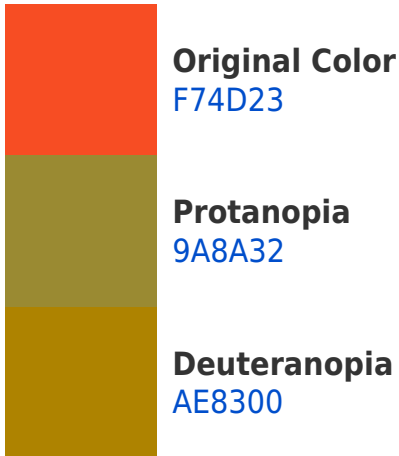


This preview shows how white text looks on a background with the Hex color F74D23.

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
F8494C

Trichromacy



Original Color
F74D23

Protanomaly
BC742D

Deuteranomaly
C96F0D

Tritanomaly
F84A3D

Monochromacy



Original Color
F74D23

Achromatopsia
7B7B7B

Achromatomaly
A86A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex F74D23 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 #F74D23 looks like.

```
.text, #text, p{  
    color:#F74D23  
}
```

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 #F74D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F74D23
}
```

Border

The CSS property to change the border of an element to Hex F74D23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

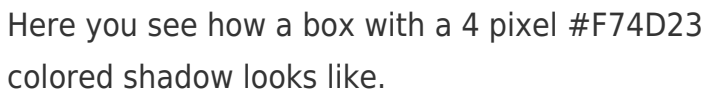
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F74D23 }
```

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

```
.border{ border-color:#F74D23 }
```

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



Here you see how a box with a 4 pixel #F74D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F74D23; -webkit-box-shadow:4px 4px  
4px 4px #F74D23; box-shadow:4px 4px 4px  
4px #F74D23 }
```

Background

The CSS property to change the background color of an element to Hex F74D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F74D23 }
```

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

```
.background{ background-color:#F74D23 }
```

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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