

# Converting Colors

Hex(F73829)

Have a look what the booklet for  
Hex(F73829) contains.

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**Color**

**Hex(F73829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F73829
RGB	247, 56, 41
RGB Percent	97%, 22%, 16%
CMY	0.0314, 0.7804, 0.8392
CMYK	0.00, 0.77, 0.83, 0.03
HSL	4°, 93%, 56%
HSV	4°, 83%, 97%
XYZ	40.1722, 22.7626, 4.3741
YIQ	111.3990, 118.6510, 35.8270

# Conversions

## Conversions Part 2

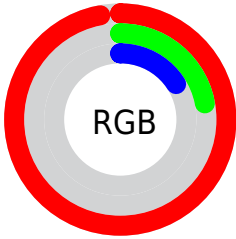
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 57, 41
Decimal	16201769
CIE <sub>Lab</sub>	54.83, 69.94, 53.62
CIE <sub>LCh</sub>	55, 88.130, 37.474
Yxy	22.7626, 0.5968, 0.3382
Android (android.graphics.Color)	4294391849 (0xFFFF73829)
YUV	111.3990, -34.7067, 118.9221
Hunter-Lab	47.7102, 66.8050, 27.9613

# Details

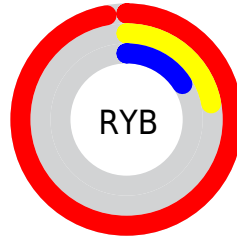
The Hex color **F73829** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **29E8F7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7659**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F72110**, and if you desaturate by 10%, it is **F74F42**.

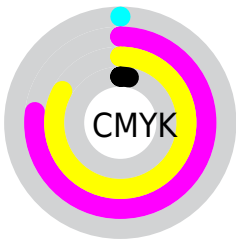
# Distribution



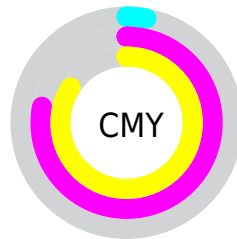
- Red (97%)
- Green (22%)
- Blue (16%)



- Red (97%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (83%)
- Black (3%)



- Cyan (3%)
- Magenta (78%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F73829 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 F73829 by changing the saturation by 10% instead.



 F73829

 F73829

FFFFFF

 D60411

 FF7659

 B50000

 FF9473

 950000

 FFB18D

 750000

 FFCFA8

 560002

 FFEDC3

 380002

 FFFFDF

 0C0000

 FFFFFC

 000000

 F73829

 F73829

 F72110

 F74F42

 F71200

 F7665A

 F77D73

 F7948C

 F7ABA5

 F7C1BD

 F7D8D6

 F7EFEF

 F7FFFF

# Harmonies

## Analogous

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



FF0074



F73829



CC6900

# Triad

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



F73829



009F44



0088FF

# Complementary

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



F73829



29E8F7

# 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.



009BFF



F73829



00A395

# Square

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



F73829



339700



00A2DF



9764FE

# Rectangle

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



F73829



A57E00



00A2DF



0090FF



# Sweetspot

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



F73829



FFC4BF



F729E9



805C59



000000



808080



# Same Dimension

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



F73829



FF1300



F79E29



7A6F6E



BA0E00



3B0400



# Inverse Universe

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



29E8F7



00ECFF



2982F7



6E7A7A



00ADBA



00363B



# Previews

## White Background



This preview shows how the Hex color F73829 looks on a white background.

## Color Contrast Check

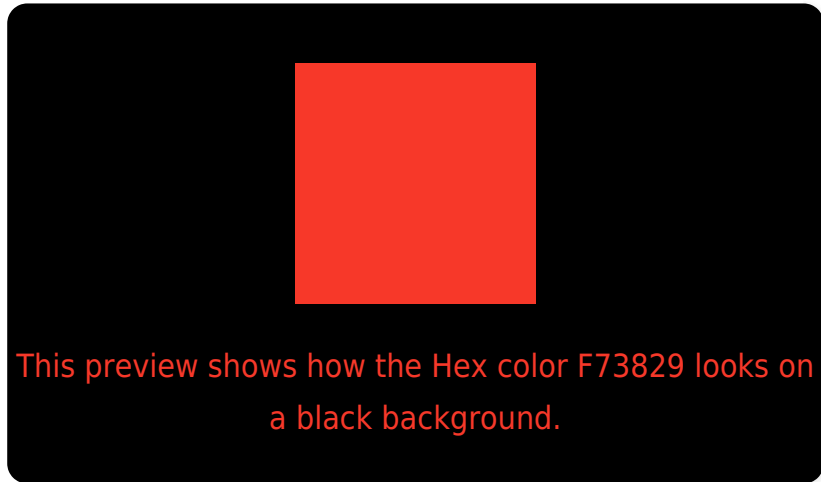
Large Text (above 18pt) WCAG AA ✓ Pass

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 F73829 Background



This preview shows how black text looks on a background with the Hex color F73829.



This preview shows how white text looks on a background with the Hex color F73829.

# 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**  
F73829

**Protanopia**  
92843C

**Deuteranopia**  
A67D11



**Tritanopia**  
F73637

# Trichromacy



**Original Color**  
F73829

**Protanomaly**  
B76835

**Deuteranomaly**  
C3641A

**Tritanomaly**  
F73732

# Monochromacy



**Original Color**  
F73829

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
A05B56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F73829 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 #F73829 looks like.

```
.text, #text, p{  
    color:#F73829  
}
```

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 #F73829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F73829
}
```

## Border

The CSS property to change the border of an element to Hex F73829 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".

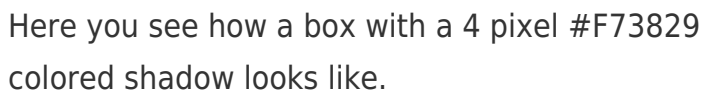
```
.border, #border, table{ border:4px solid
#F73829 }
```

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

```
.border{ border-color:#F73829 }
```

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

Here you see how a box with a 4 pixel #F73829 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F73829; -webkit-box-shadow:4px 4px  
4px 4px #F73829; box-shadow:4px 4px 4px  
4px #F73829 }
```

# Background

The CSS property to change the background color of an element to Hex F73829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F73829 }
```

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

```
.background{ background-color:#F73829 }
```

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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