

# Converting Colors

Hex(F23732)

Have a look what the booklet for  
Hex(F23732) contains.

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# Color

Hex(F23732)

# Conversions

## Conversions Part 1

Format	Color
Hex	F23732
RGB	242, 55, 50
RGB Percent	95%, 22%, 20%
CMY	0.0510, 0.7843, 0.8039
CMYK	0.00, 0.77, 0.79, 0.05
HSL	2°, 88%, 57%
HSV	2°, 79%, 95%
XYZ	38.5599, 21.8399, 5.2008
YIQ	110.3430, 113.0570, 38.0890

# Conversions

## Conversions Part 2

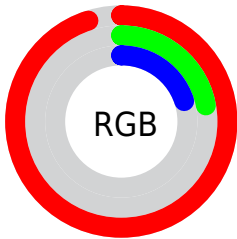
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 55, 50
Decimal	15873842
CIE <sub>Lab</sub>	53.86, 69.04, 47.88
CIE <sub>LCh</sub>	54, 84.013, 34.741
Yxy	21.8399, 0.5878, 0.3329
Android (android.graphics.Color)	4294063922 (0xFFFF23732)
YUV	110.3430, -29.7491, 115.4632
Hunter-Lab	46.7332, 65.4984, 26.1150

# Details

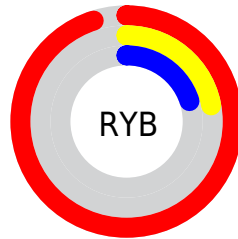
The Hex color **F23732** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **32EDF2**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7562**, and **B10004** is the 20% darker color. If you saturate the color by 10%, you get **F21F1A**, and if you desaturate by 10%, it is **F24F4A**.

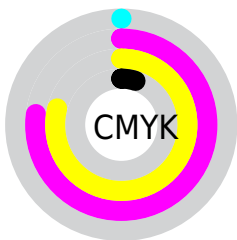
# Distribution



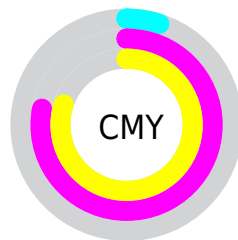
- Red (95%)
- Green (22%)
- Blue (20%)



- Red (95%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (77%)
- Yellow (79%)
- Black (5%)



- Cyan (5%)
- Magenta (78%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F23732 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 F23732 by changing the saturation by 10% instead.



 F23732

 F23732

FFFFFF

 D1031B

 FF7562

 B10004

 FF927B

 910000

 FFB095

 710000

 FFCDB0

 520002

 FFEBCB

 340002

 FFFFEB

 000000

 F23732

 F23732

 F21F1A

 F24F4A

 F20802

 F26662

 F20600

 F27E7B

 F29593

 F2ADAB

 F2C4C3

 F2DCDB

 F2F4F4

 F2FFFF

# Harmonies

## Analogous

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



FC0079



F23732



CC6400

# Triad

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



F23732



009B3D



0087FF

# Complementary

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



F23732



32EDF2

# 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.



0098FF



F23732



009F8B

# Square

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



F23732



429300



009FD2



8967FA

# Rectangle

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



F23732



A77A00



009FD2



008EFF



# Sweetspot

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



F23732



FFC3C2



F232EF



805B5B



000000



808080



# Same Dimension

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



F23732



FF130D



F29532



786C6C



B80500



380100



# Inverse Universe

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



32EDF2



0DF9FF



328FF2



6C7878



00B3B8



003738



# Previews

## White Background



This preview shows how the Hex color F23732 looks on a white background.

## Color Contrast Check

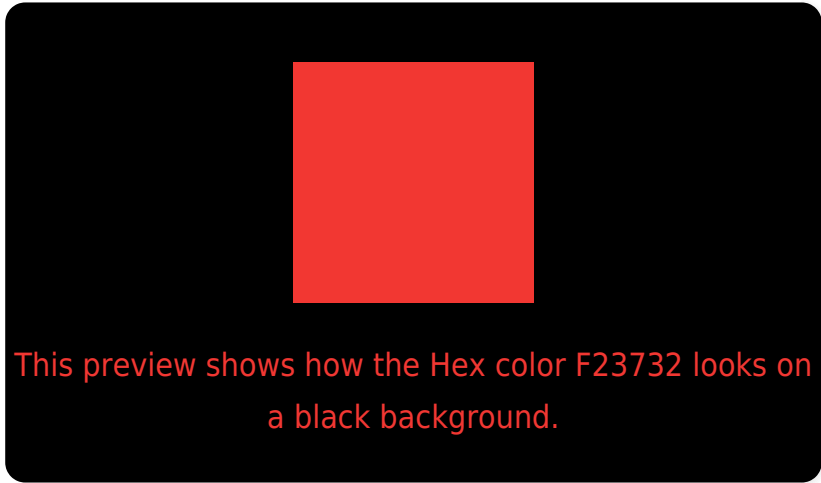
Large Text (above 18pt) WCAG AA ✓ Pass

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 F23732 Background



This preview shows how black text looks on a background with the Hex color F23732.



This preview shows how white text looks on a background with the Hex color F23732.

# 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**  
F23732

**Protanopia**  
8E8147

**Deuteranopia**  
A27B22



**Tritanopia**  
F23637

# Trichromacy



**Original Color**  
F23732

**Protanomaly**  
B2663F

**Deuteranomaly**  
BF6228

**Tritanomaly**  
F23635

# Monochromacy



**Original Color**  
F23732

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
9E5A58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F23732 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 #F23732 looks like.

```
.text, #text, p{  
    color:#F23732  
}
```

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 #F23732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23732
}
```

## Border

The CSS property to change the border of an element to Hex F23732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

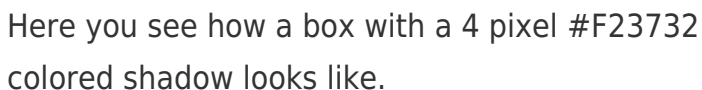
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F23732 }
```

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

```
.border{ border-color:#F23732 }
```

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



Here you see how a box with a 4 pixel #F23732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23732; -webkit-box-shadow:4px 4px  
4px 4px #F23732; box-shadow:4px 4px 4px  
4px #F23732 }
```

# Background

The CSS property to change the background color of an element to Hex F23732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23732 }
```

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

```
.background{ background-color:#F23732 }
```

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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