

Converting Colors

Hex(F12E3E)

Have a look what the booklet for
Hex(F12E3E) contains.

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Color

Hex(F12E3E)

Conversions

Conversions Part 1

Format	Color
Hex	F12E3E
RGB	241, 46, 62
RGB Percent	95%, 18%, 24%
CMY	0.0549, 0.8196, 0.7569
CMYK	0.00, 0.81, 0.74, 0.05
HSL	355°, 87%, 56%
HSV	355°, 81%, 95%
XYZ	38.1221, 21.0026, 6.6021
YIQ	106.1290, 111.0840, 46.3160

Conversions

Conversions Part 2

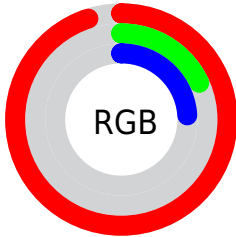
Format	Color
R_{YB}	241, 46, 62
Decimal	15806014
CIE _{Lab}	52.95, 71.53, 40.31
CIE _{LCh}	53, 82.105, 29.404
Yxy	21.0026, 0.5800, 0.3195
Android (android.graphics.Color)	4293996094 (0xFFFF12E3E)
YUV	106.1290, -21.7556, 118.2819
Hunter-Lab	45.8286, 68.2839, 23.5387

Details

The Hex color **F12E3E** 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 **2EF1E1**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6F6E**, and **B00013** is the 20% darker color. If you saturate the color by 10%, you get **F11628**, and if you desaturate by 10%, it is **F14654**.

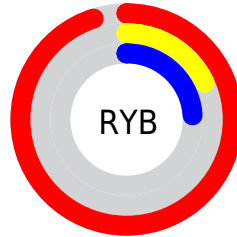
Distribution



Red (95%)

Green (18%)

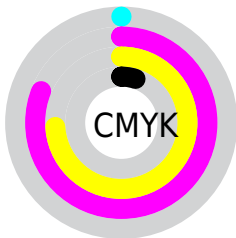
Blue (24%)



Red (95%)

Yellow (18%)

Blue (24%)

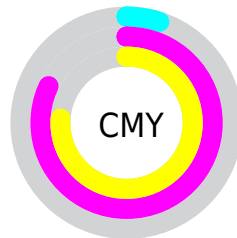


Cyan (0%)

Magenta (81%)

Yellow (74%)

Black (5%)



Cyan (5%)

Magenta (82%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12E3E 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 F12E3E by changing the saturation by 10% instead.

 F12E3E

 F12E3E

FFFFFF

 D00028

 FF6F6E

 B00013

 FF8D87

 900000

 FFABA2

 700000

 FFC8BD

 520003

 FFE6D9

 330002

 FFFFF5

 000000

 F12E3E

 F12E3E

 F11628

 F14654

 F10014

 F15E6A

 F17680

 F18E96

 F1A6AD

 F1BFC3

 F1D7D9

 F1EFEF

 F1FFFF

Harmonies

Analogous

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



F40583



F12E3E



D05C00

Triad

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



F12E3E



00972F



0088FF

Complementary

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



F12E3E



2EF1E1

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.



0097F9



F12E3E



009B7B

Square

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



F12E3E



548E00



009CC2



6E6CFB

Rectangle

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



F12E3E



AE7300



009CC2



008FFF

Sweetspot

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



F12E3E



FFC2C7



E12EF1



805B5E



000000



808080

Same Dimension

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



F12E3E



FF081C



F17F2E



786C6D



B8000F



380005

Inverse Universe

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



F12E3E



FF081C



2EA0F1



786C6D



B8000F



380005

Previews

White Background



This preview shows how the Hex color F12E3E looks on a white background.

Color Contrast Check

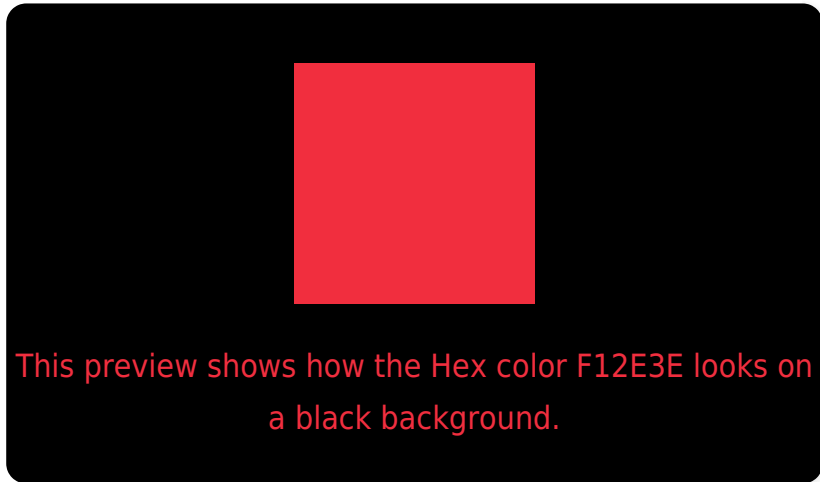
Large Text (above 18pt) WCAG AA ✓ Pass

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 F12E3E Background



This preview shows how black text looks on a background with the Hex color F12E3E.



This preview shows how white text looks on a background with the Hex color F12E3E.

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
F12E3E

Protanopia
897F58

Deuteranopia
9E7932



Tritanopia
F13030

Trichromacy



Original Color
F12E3E

Protanomaly
AF624F

Deuteranomaly
BC5E36

Tritanomaly
F12F35

Monochromacy



Original Color
F12E3E

Achromatopsia
6A6A6A

Achromatomaly
9B545A

CSS Examples

Text

The CSS property to change the color of the text to Hex F12E3E 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 #F12E3E looks like.

```
.text, #text, p{  
    color:#F12E3E  
}
```

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 #F12E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12E3E
}
```

Border

The CSS property to change the border of an element to Hex F12E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

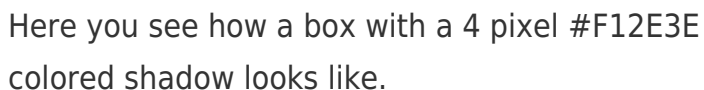
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F12E3E }
```

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

```
.border{ border-color:#F12E3E }
```

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



Here you see how a box with a 4 pixel `#F12E3E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12E3E; -webkit-box-shadow:4px 4px  
4px 4px #F12E3E; box-shadow:4px 4px 4px  
4px #F12E3E }
```

Background

The CSS property to change the background color of an element to Hex F12E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12E3E }
```

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

```
.background{ background-color:#F12E3E }
```

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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