

Converting Colors

Hex(F20F2E)

Have a look what the booklet for
Hex(F20F2E) contains.

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Color

Hex(F20F2E)

Conversions

Conversions Part 1

Format	Color
Hex	F20F2E
RGB	242, 15, 46
RGB Percent	95%, 6%, 18%
CMY	0.0510, 0.9412, 0.8196
CMYK	0.00, 0.94, 0.81, 0.05
HSL	352°, 90%, 50%
HSV	352°, 94%, 95%
XYZ	37.2819, 19.4162, 4.3675
YIQ	86.4070, 125.3410, 57.7650

Conversions

Conversions Part 2

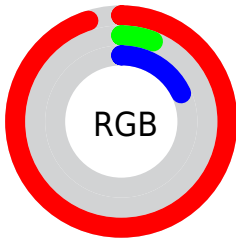
Format	Color
R_{YB}	242, 15, 46
Decimal	15863598
CIE Lab	51.17, 76.48, 47.35
CIE LCh	51, 89.950, 31.762
Yxy	19.4162, 0.6105, 0.3180
Android (android.graphics.Color)	4294053678 (0xFFFF20F2E)
YUV	86.4070, -19.9207, 136.4551
Hunter-Lab	44.0638, 73.9155, 24.9680

Details

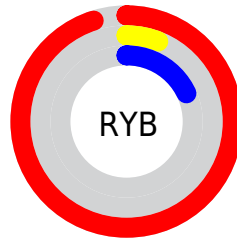
The Hex color **F20F2E** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0FF2D3**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF625D**, and **B00001** is the 20% darker color. If you saturate the color by 10%, you get **F20021**, and if you desaturate by 10%, it is **F22743**.

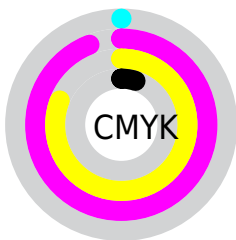
Distribution



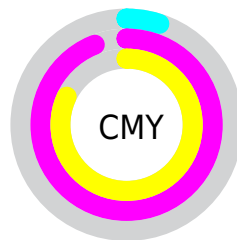
- Red (95%)
- Green (6%)
- Blue (18%)



- Red (95%)
- Yellow (6%)
- Blue (18%)



- Cyan (0%)
- Magenta (94%)
- Yellow (81%)
- Black (5%)



- Cyan (5%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color F20F2E 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 F20F2E by changing the saturation by 10% instead.

 F20F2E

 F20F2E

FFFFFF

 D10018

 FF625D

 B00001

 FF8076

 8F0000

 FF9E90

 6F0001

 FFBCAB

 510004

 FFDBC6

 310002

 FFF9E2

 000000

 F20F2E

 F20F2E

 F20021

 F22743

 F23F58

 F2586D

 F27082

 F28896

 F2A0AB

 F2B8C0

 F2D1D5

 F2E9EA

Harmonies

Analogous

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



F90079



F20F2E



CC5700

Triad

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



F20F2E



009428



0084FF

Complementary

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



F20F2E



0FF2D3

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.



0094FF



F20F2E



00987D

Square

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



F20F2E



3E8B00



0099CA



7062FF

Rectangle

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



F20F2E



A66F00



0099CA



008BFF

Sweetspot

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



F20F2E



FFB8C1



D00FF2



80545A



000000



808080

Same Dimension

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



F20F2E



FF0023



F25E0F



786C6E



B80019



380008

Inverse Universe

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



F20F2E



FF0023



0FA3F2



786C6E



B80019



380008

Previews

White Background



This preview shows how the Hex color F20F2E looks on a white background.

Color Contrast Check

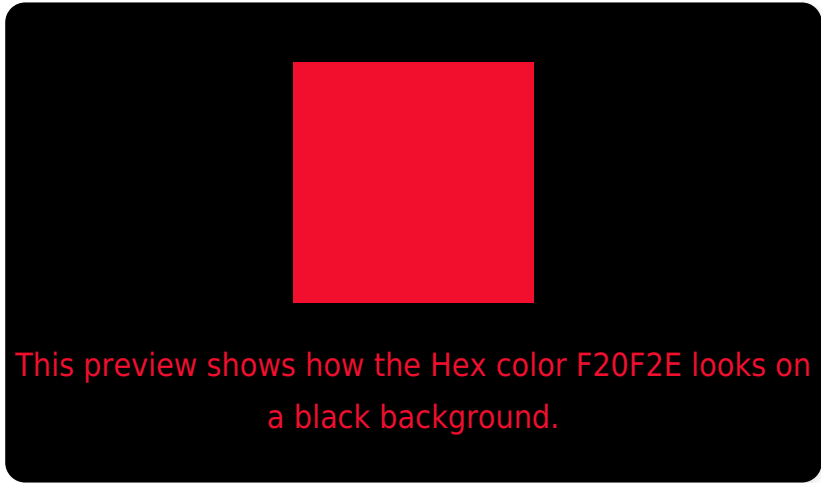
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20F2E Background



This preview shows how black text looks on a background with the Hex color F20F2E.



This preview shows how white text looks on a background with the Hex color F20F2E.

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
F20F2E

Protanopia
877B47

Deuteranopia
9B751A



Tritanopia
F2170C

Trichromacy



Original Color
F20F2E



Protanomaly
AE543E



Deuteranomaly
BB5021



Tritanomaly
F21418

Monochromacy



Original Color
F20F2E



Achromatopsia
565656



Achromatomaly
8F3C47

CSS Examples

Text

The CSS property to change the color of the text to Hex F20F2E 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 #F20F2E looks like.

```
.text, #text, p{  
    color:#F20F2E  
}
```

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 #F20F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20F2E
}
```

Border

The CSS property to change the border of an element to Hex F20F2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

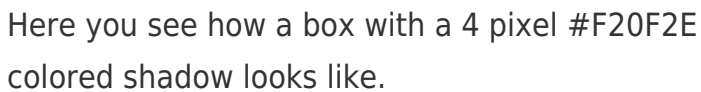
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F20F2E }
```

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

```
.border{ border-color:#F20F2E }
```

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



Here you see how a box with a 4 pixel #F20F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20F2E; -webkit-box-shadow:4px 4px  
4px 4px #F20F2E; box-shadow:4px 4px 4px  
4px #F20F2E }
```

Background

The CSS property to change the background color of an element to Hex F20F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20F2E }
```

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

```
.background{ background-color:#F20F2E }
```

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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