

Converting Colors

Hex(F20A30)

Have a look what the booklet for
Hex(F20A30) contains.

Hex(F20A30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F20A30)

Conversions

Conversions Part 1

Format	Color
Hex	F20A30
RGB	242, 10, 48
RGB Percent	95%, 4%, 19%
CMY	0.0510, 0.9608, 0.8118
CMYK	0.00, 0.96, 0.80, 0.05
HSL	350°, 92%, 49%
HSV	350°, 96%, 95%
XYZ	37.2600, 19.3077, 4.5592
YIQ	83.7000, 126.0740, 61.0020

Conversions

Conversions Part 2

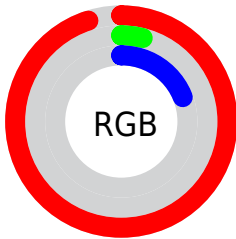
Format	Color
RYB	242, 10, 48
Decimal	15862320
CIELab	51.05, 76.95, 46.15
CIElCh	51, 89.723, 30.951
Yxy	19.3077, 0.6096, 0.3159
Android (android.graphics.Color)	4294052400 (0xFFFF20A30)
YUV	83.7000, -17.6001, 138.8291
Hunter-Lab	43.9406, 74.4655, 24.6065

Details

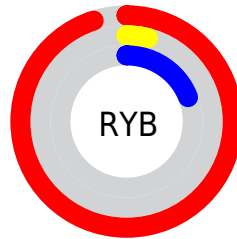
The Hex color **F20A30** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0AF2CC**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF605F**, and **B00004** is the 20% darker color. If you saturate the color by 10%, you get **F20028**, and if you desaturate by 10%, it is **F22244**.

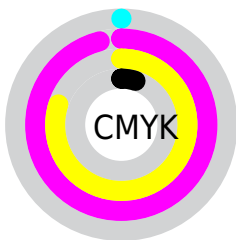
Distribution



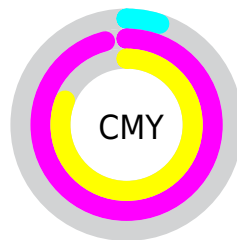
- Red (95%)
- Green (4%)
- Blue (19%)



- Red (95%)
- Yellow (4%)
- Blue (19%)



- Cyan (0%)
- Magenta (96%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (96%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F20A30 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 F20A30 by changing the saturation by 10% instead.

 F20A30

 F20A30

FFFFFF

 D1001A

 FF605F

 B00004

 FF7F78

 8F0000

 FF9E92

 6F0002

 FFBCAD

 510004

 FFDAC8

 310002

 FFF8E4

 000000

 F20A30

 F20A30

 F20028

 F22244

 F23A58

 F2536D

 F26B81

 F28395

 F29BA9

 F2B3BE

 F2CCD2

 F2E4E6

Harmonies

Analogous

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



F8007B



F20A30



CC5500

Triad

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



F20A30



009425



0084FF

Complementary

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



F20A30



0AF2CC

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



F20A30



00987A

Square

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



F20A30



418B00



0098C7



6B63FF

Rectangle

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



F20A30



A86E00



0098C7



008BFF

Sweetspot

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



F20A30



FFB5C1



CB0AF2



80535A



000000



808080

Same Dimension

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



F20A30



FF002A



F2570A



786C6E



B8001E



380009

Inverse Universe

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



F20A30



FF002A



0AA5F2



786C6E



B8001E



380009

Previews

White Background



This preview shows how the Hex color F20A30 looks on a white background.

Color Contrast Check

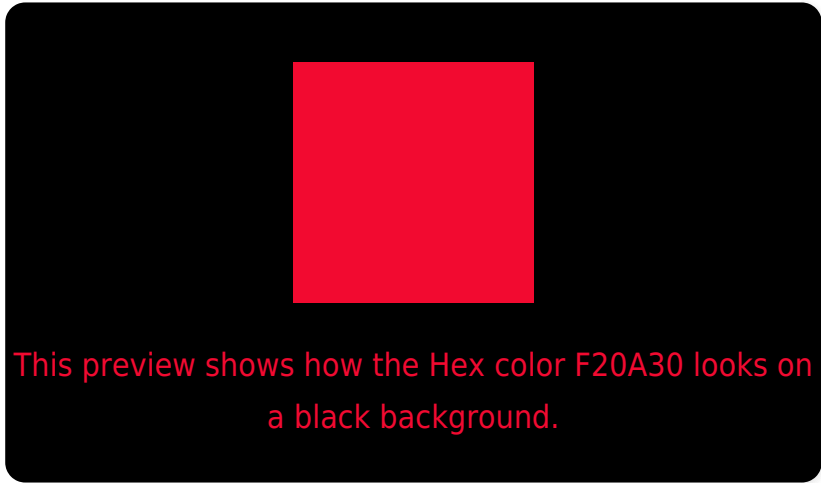
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20A30 Background



This preview shows how black text looks on a background with the Hex color F20A30.



This preview shows how white text looks on a background with the Hex color F20A30.

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
F20A30

Protanopia
867B4A

Deuteranopia
9A741E



Tritanopia
F21608

Trichromacy



Original Color
F20A30



Protanomaly
AD5241



Deuteranomaly
BA4D25



Tritanomaly
F21217

Monochromacy



Original Color
F20A30



Achromatopsia
545454



Achromatomaly
8D3947

CSS Examples

Text

The CSS property to change the color of the text to Hex F20A30 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 #F20A30 looks like.

```
.text, #text, p{  
    color:#F20A30  
}
```

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 #F20A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20A30
}
```

Border

The CSS property to change the border of an element to Hex F20A30 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".

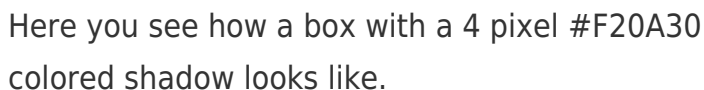
```
.border, #border, table{ border:4px solid
#F20A30 }
```

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

```
.border{ border-color:#F20A30 }
```

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

Here you see how a box with a 4 pixel #F20A30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20A30; -webkit-box-shadow:4px 4px  
4px 4px #F20A30; box-shadow:4px 4px 4px  
4px #F20A30 }
```

Background

The CSS property to change the background color of an element to Hex F20A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20A30 }
```

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

```
.background{ background-color:#F20A30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor