

Converting Colors

Hex(FA1F21)

Have a look what the booklet for
Hex(FA1F21) contains.

Hex(FA1F21)	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(FA1F21)

Conversions

Conversions Part 1

Format	Color
Hex	FA1F21
RGB	250, 31, 33
RGB Percent	98%, 12%, 13%
CMY	0.0196, 0.8784, 0.8706
CMYK	0.00, 0.88, 0.87, 0.02
HSL	359°, 96%, 55%
HSV	359°, 88%, 98%
XYZ	40.1888, 21.4138, 3.4539
YIQ	96.7090, 129.8820, 47.0500

Conversions

Conversions Part 2

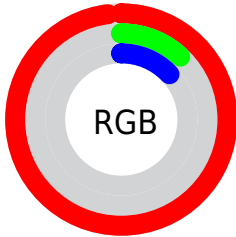
Format	Color
R _Y B	250, 31, 33
Decimal	16391969
CIE Lab	53.40, 76.15, 56.34
CIE LCh	53, 94.726, 36.498
Yxy	21.4138, 0.6178, 0.3292
Android (android.graphics.Color)	4294582049 (0xFFFA1F21)
YUV	96.7090, -31.4085, 134.4362
Hunter-Lab	46.2750, 74.0421, 27.9672

Details

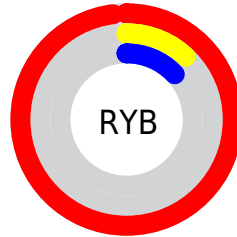
The Hex color **FA1F21** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1FFAF8**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6851**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA0608**, and if you desaturate by 10%, it is **FA383A**.

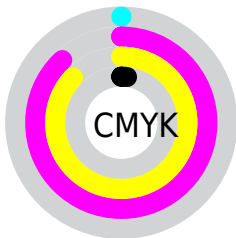
Distribution



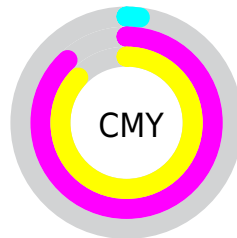
- Red (98%)
- Green (12%)
- Blue (13%)



- Red (98%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (88%)
- Yellow (87%)
- Black (2%)



- Cyan (2%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA1F21 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 FA1F21 by changing the saturation by 10% instead.

 FA1F21

 FA1F21

FFFFFF

 D80007

 FF6851

 B70000

 FF876A

 960000

 FFA584

 760001

 FFC39F

 570003

 FFE1BA

 380002

 FFFFD6

 0C0000

 FFFFF3

 000000

 FA1F21

 FA1F21

■ FA0608

■ FA383A

■ FA0002

■ FA5153

■ FA6A6B

■ FA8384

■ FA9C9D

■ FAB5B6

■ FACECE

■ FAE7E7

■ FAFFFF

Harmonies

Analogous

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



FF0072



FA1F21



CD6100

Triad

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



FA1F21



009C38



0086FF

Complementary

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



FA1F21



1FFAF8

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.



0099FF



FA1F21



00A090

Square

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



FA1F21



249400



00A0E0



8D5EFF

Rectangle

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



FA1F21



A47900



00A0E0



008EFF

Sweetspot

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



FA1F21



FFBDBD



F61FFA



805858



000000



808080

Same Dimension

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



FA1F21



FF0002



FA891F



7D7071



BD0002



3D0001

Inverse Universe

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



FA1F21



FF0002



1F90FA



7D7071



BD0002



3D0001

Previews

White Background



This preview shows how the Hex color FA1F21 looks on a white background.

Color Contrast Check

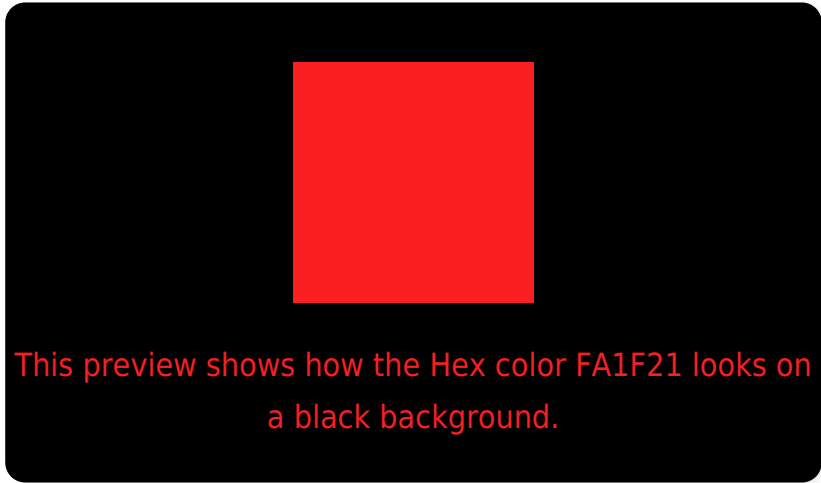
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA1F21 Background



This preview shows how black text looks on a background with the Hex color FA1F21.



This preview shows how white text looks on a background with the Hex color FA1F21.

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
FA1F21

Protanopia
8F8037

Deuteranopia
A27A00

Trichromacy



Original Color
FA1F21

Protanomaly
B65D2F

Deuteranomaly
C2590C

Tritanomaly
FA201D

Monochromacy



Original Color
FA1F21

Achromatopsia
616161

Achromatomaly
99494A

CSS Examples

Text

The CSS property to change the color of the text to Hex FA1F21 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 #FA1F21 looks like.

```
.text, #text, p{  
    color:#FA1F21  
}
```

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 #FA1F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA1F21
}
```

Border

The CSS property to change the border of an element to Hex FA1F21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

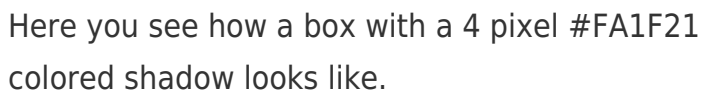
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA1F21 }
```

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

```
.border{ border-color:#FA1F21 }
```

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



Here you see how a box with a 4 pixel #FA1F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA1F21; -webkit-box-shadow:4px 4px  
4px 4px #FA1F21; box-shadow:4px 4px 4px  
4px #FA1F21 }
```

Background

The CSS property to change the background color of an element to Hex FA1F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA1F21 }
```

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

```
.background{ background-color:#FA1F21 }
```

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