

Converting Colors

Hex(FD2118)

Have a look what the booklet for
Hex(FD2118) contains.

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Color

Hex(FD2118)

Conversions

Conversions Part 1

Format	Color
Hex	FD2118
RGB	253, 33, 24
RGB Percent	99%, 13%, 9%
CMY	0.0078, 0.8706, 0.9059
CMYK	0.00, 0.87, 0.91, 0.01
HSL	2°, 98%, 54%
HSV	2°, 91%, 99%
XYZ	41.2167, 22.0363, 2.9452
YIQ	97.7540, 134.0090, 43.8410

Conversions

Conversions Part 2

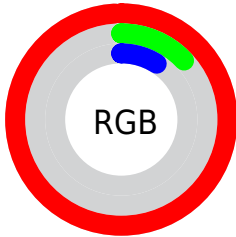
Format	Color
RYB	253, 33, 24
Decimal	16589080
CIELab	54.07, 76.45, 60.77
CIElCh	54, 97.658, 38.480
Yxy	22.0363, 0.6226, 0.3329
Android (android.graphics.Color)	4294779160 (0xFFFD2118)
YUV	97.7540, -36.3607, 136.1507
Hunter-Lab	46.9428, 74.5765, 29.1401

Details

The Hex color **FD2118** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **18F4FD**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6A4A**, and **BA0000** is the 20% darker color. If you saturate the color by 10%, you get **FD0A00**, and if you desaturate by 10%, it is **FD3931**.

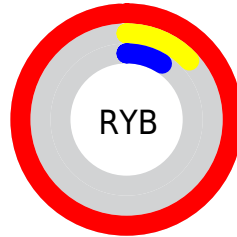
Distribution



Red (99%)

Green (13%)

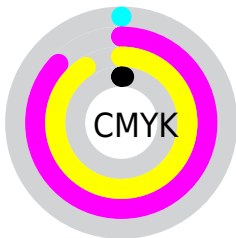
Blue (9%)



Red (99%)

Yellow (13%)

Blue (9%)

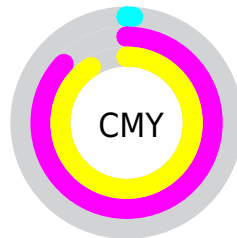


Cyan (0%)

Magenta (87%)

Yellow (91%)

Black (1%)



Cyan (1%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD2118 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 FD2118 by changing the saturation by 10% instead.

 FD2118

 FD2118

FFFFFF

 DB0000

 FF6A4A

 BA0000

 FF8863

 990000

 FFA67D

 780001

 FFC498

 590003

 FFE2B3

 3A0002

 FFFFCE

 120000

 FFFFEB

 000000

 FD2118

 FD2118

 FD0A00

 FD3931

 FD524B

 FD6A64

 FD827D

 FD9B97

 FDB3B0

 FDCBC9

 FDE3E2

 FDFCFC

Harmonies

Analogous

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



FF006E



FD2118



CD6500

Triad

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



FD2118



009F3D



0086FF

Complementary

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



FD2118



18F4FD

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.



009BFF



FD2118



00A298

Square

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



FD2118



049700



00A2EA



995BFF

Rectangle

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



FD2118



A17D00



00A2EA



008FFF

Sweetspot

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



FD2118



FFBDBA



FD18F5



805857



000000



808080

Same Dimension

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



FD2118



FF0A00



FD9218



807373



BF0800



400300

Inverse Universe

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



18F4FD



00F5FF



1883FD



737F80



00B8BF



003D40

Previews

White Background



This preview shows how the Hex color FD2118 looks on a white background.

Color Contrast Check

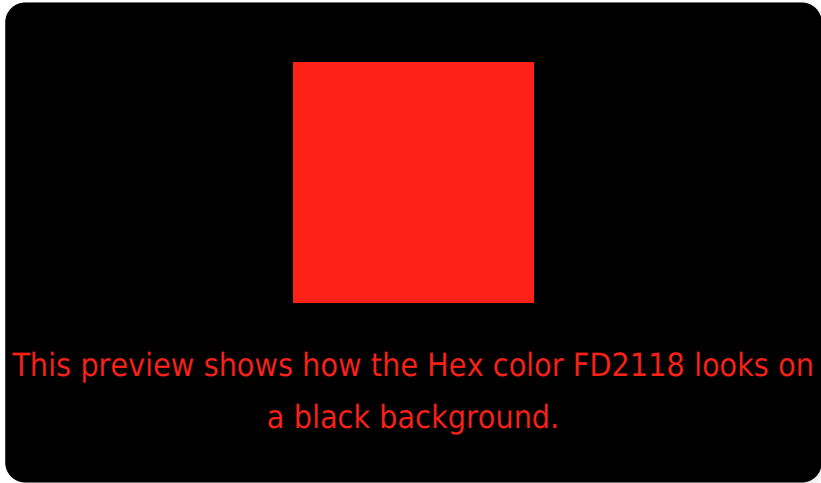
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD2118 Background



This preview shows how black text looks on a background with the Hex color FD2118.



This preview shows how white text looks on a background with the Hex color FD2118.

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
FD2118

Protanopia
91822D

Deuteranopia
A47B00



Trichromacy



Original Color
FD2118

Protanomaly
B85F25

Deuteranomaly
C45A09

Tritanomaly
FD211A

Monochromacy



Original Color
FD2118

Achromatopsia
626262

Achromatomaly
9A4A47

CSS Examples

Text

The CSS property to change the color of the text to Hex FD2118 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 #FD2118 looks like.

```
.text, #text, p{  
    color:#FD2118  
}
```

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 #FD2118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD2118
}
```

Border

The CSS property to change the border of an element to Hex FD2118 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
#FD2118 }
```

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

```
.border{ border-color:#FD2118 }
```

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

Here you see how a box with a 4 pixel #FD2118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD2118; -webkit-box-shadow:4px 4px  
4px 4px #FD2118; box-shadow:4px 4px 4px  
4px #FD2118 }
```

Background

The CSS property to change the background color of an element to Hex FD2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD2118 }
```

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

```
.background{ background-color:#FD2118 }
```

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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