

Converting Colors

Hex(FD081B)

Have a look what the booklet for
Hex(FD081B) contains.

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Color

Hex(FD081B)

Conversions

Conversions Part 1

Format	Color
Hex	FD081B
RGB	253, 8, 27
RGB Percent	99%, 3%, 11%
CMY	0.0078, 0.9686, 0.8941
CMYK	0.00, 0.97, 0.89, 0.01
HSL	355°, 98%, 51%
HSV	355°, 97%, 99%
XYZ	40.7927, 21.1354, 2.9664
YIQ	83.4210, 139.9210, 57.8490

Conversions

Conversions Part 2

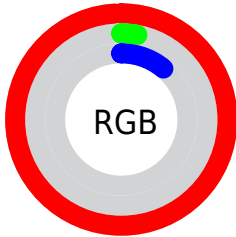
Format	Color
RYB	253, 8, 27
Decimal	16582683
CIELab	53.10, 79.32, 58.95
CIElCh	53, 98.828, 36.621
Yxy	21.1354, 0.6286, 0.3257
Android (android.graphics.Color)	4294772763 (0xFFFD081B)
YUV	83.4210, -27.8156, 148.7208
Hunter-Lab	45.9733, 77.9320, 28.3556

Details

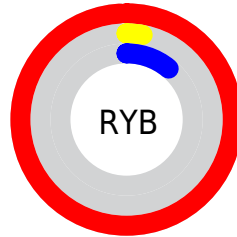
The Hex color **FD081B** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **08FDEA**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF624C**, and **BA0000** is the 20% darker color. If you saturate the color by 10%, you get **FD0014**, and if you desaturate by 10%, it is **FD2132**.

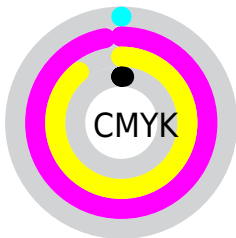
Distribution



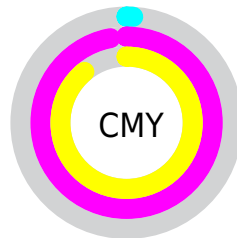
- Red (99%)
- Green (3%)
- Blue (11%)



- Red (99%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (97%)
- Yellow (89%)
- Black (1%)



- Cyan (1%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD081B 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 FD081B by changing the saturation by 10% instead.

 FD081B

 FD081B

FFFFFF

 DB0001

 FF624C

 BA0000

 FF8165

 990000

 FFA07F

 780001

 FFBE99

 590004

 FFDCB4

 390002

 FFFBD0

 100000

 FFFFED

 000000

 FD081B

 FD081B

 FD0014

 FD2132

 FD3B4A

 FD5461

 FD6D78

 FD8790

 FDA0A7

 FDB9BE

 FDD2D6

 FDECED

Harmonies

Analogous

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



FF0070



FD081B



CE5F00

Triad

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



FD081B



009C34



0086FF

Complementary

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



FD081B



08FDEA

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.



009AFF



FD081B



00A090

Square

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



FD081B



139400



00A0E4



8C5CFF

Rectangle

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



FD081B



A37900



00A0E4



008EFF

Sweetspot

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



FD081B



FFB5BB



E908FD



805356



000000



808080

Same Dimension

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



FD081B



FF0014



FD6E08



807374



BF000F



400005

Inverse Universe

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



FD081B



FF0014



0897FD



807374



BF000F



400005

Previews

White Background



This preview shows how the Hex color FD081B looks on a white background.

Color Contrast Check

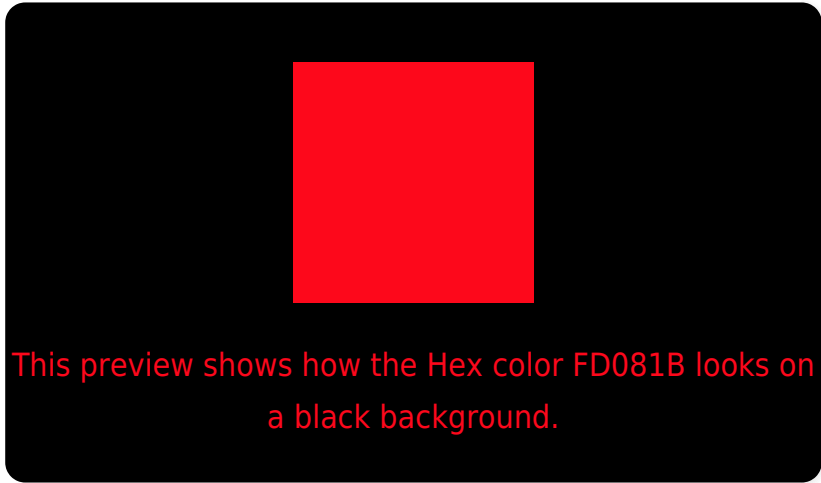
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD081B Background



This preview shows how black text looks on a background with the Hex color FD081B.



This preview shows how white text looks on a background with the Hex color FD081B.

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
FD081B

Protanopia
8F8031

Deuteranopia
A17900



Trichromacy



Original Color
FD081B



Protanomaly
B75429



Deuteranomaly
C2500A



Tritanomaly
FC120A

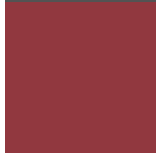
Monochromacy



Original Color
FD081B



Achromatopsia
535353



Achromatomaly
91383F

CSS Examples

Text

The CSS property to change the color of the text to Hex FD081B 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 #FD081B looks like.

```
.text, #text, p{  
    color:#FD081B  
}
```

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 #FD081B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD081B
}
```

Border

The CSS property to change the border of an element to Hex FD081B is called "border". The border property can be set on classes, ids or directly on the HTML element.

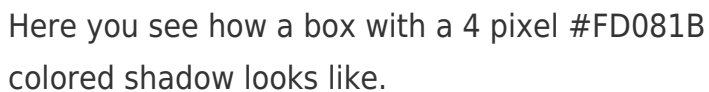
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD081B }
```

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

```
.border{ border-color:#FD081B }
```

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



Here you see how a box with a 4 pixel `#FD081B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD081B; -webkit-box-shadow:4px 4px  
4px 4px #FD081B; box-shadow:4px 4px 4px  
4px #FD081B }
```

Background

The CSS property to change the background color of an element to Hex FD081B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD081B }
```

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

```
.background{ background-color:#FD081B }
```

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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