

# Converting Colors

Hex(FD201C)

Have a look what the booklet for  
Hex(FD201C) contains.

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**Color**

**Hex(FD201C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD201C
RGB	253, 32, 28
RGB Percent	99%, 13%, 11%
CMY	0.0078, 0.8745, 0.8902
CMYK	0.00, 0.87, 0.89, 0.01
HSL	1°, 98%, 55%
HSV	1°, 89%, 99%
XYZ	41.2341, 21.9995, 3.1717
YIQ	97.6230, 133.0000, 45.6080

# Conversions

## Conversions Part 2

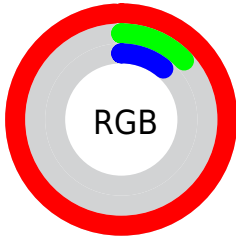
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">253, 32, 28</a>
Decimal	<a href="#">16588828</a>
CIELab	<a href="#">54.03, 76.67, 59.20</a>
CIELCh	<a href="#">54, 96.865, 37.672</a>
Yxy	<a href="#">21.9995, 0.6209, 0.3313</a>
Android (android.graphics.Color)	<a href="#">4294778908 (0xFFFD201C)</a>
YUV	<a href="#">97.6230, -34.3241, 136.2656</a>
Hunter-Lab	<a href="#">46.9036, 74.8423, 28.8233</a>

# Details

The Hex color **FD201C** 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 **1CF9FD**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF694D**, and **BA0000** is the 20% darker color. If you saturate the color by 10%, you get **FD0703**, and if you desaturate by 10%, it is **FD3935**.

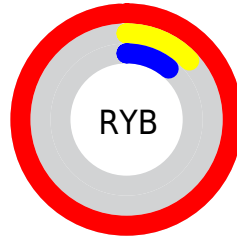
# Distribution



Red (99%)

Green (13%)

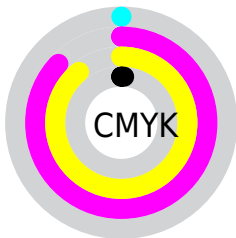
Blue (11%)



Red (99%)

Yellow (13%)

Blue (11%)

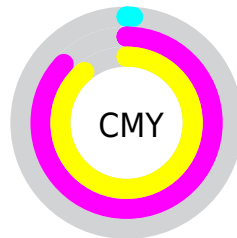


Cyan (0%)

Magenta (87%)

Yellow (89%)

Black (1%)



Cyan (1%)

Magenta (87%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD201C 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 FD201C by changing the saturation by 10% instead.



 FD201C

 FD201C

FFFFFF

 DB0001

 FF694D

 BA0000

 FF8866

 990000

 FFA680

 780001

 FFC49B

 590003

 FFE2B6

 3A0002

 FFFFD2

 120000

 FFFFEE

 000000

 FD201C

 FD201C

■ FD0703

■ FD3935

■ FD0400

■ FD524F

■ FD6B68

■ FD8381

■ FD9C9B

■ FDB5B4

■ FDCECD

■ FDE7E6

FDFFFF

# Harmonies

## Analogous

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



FF0070



FD201C



CE6400

# Triad

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



FD201C



009F3B



0087FF

# Complementary

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



FD201C



1CF9FD

# 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



FD201C



00A295

# Square

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



FD201C



169700



00A2E7



955DFF

# Rectangle

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



FD201C



A37C00



00A2E7



008FFF



# Sweetspot

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



FD201C



FFBBBA



FD1CF9



805757



000000



808080



# Same Dimension

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



FD201C



FF0500



FD901C



807373



BF0300



400100



# Inverse Universe

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



1CF9FD



00FAFF



1C89FD



737F80



00BCBF



003F40



# Previews

## White Background



This preview shows how the Hex color FD201C looks on a white background.

## Color Contrast Check

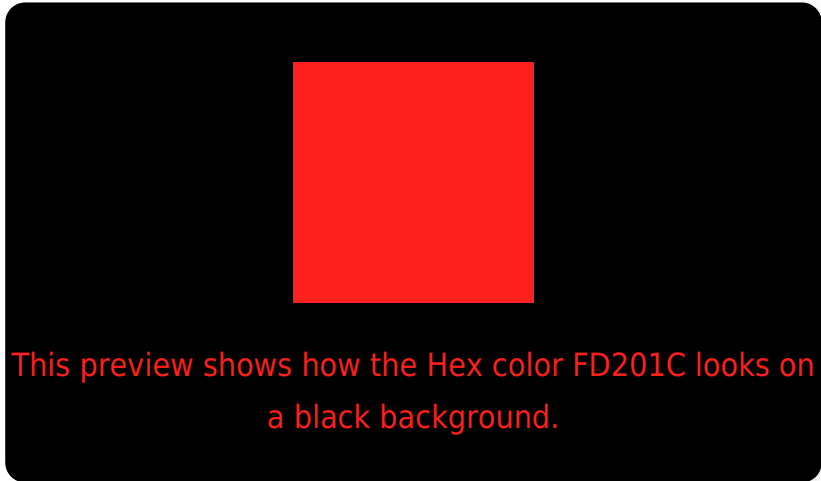
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD201C Background



This preview shows how black text looks on a background with the Hex color FD201C.



This preview shows how white text looks on a background with the Hex color FD201C.

# 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**  
FD201C

**Protanopia**  
918231

**Deuteranopia**  
A47B00



# Trichromacy



**Original Color**  
FD201C

**Protanomaly**  
B85E29

**Deuteranomaly**  
C45A0A

**Tritanomaly**  
FD201B

# Monochromacy



**Original Color**  
FD201C

**Achromatopsia**  
626262

**Achromatomaly**  
9A4A49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD201C 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 #FD201C looks like.

```
.text, #text, p{  
    color:#FD201C  
}
```

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 #FD201C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD201C
}
```

## Border

The CSS property to change the border of an element to Hex FD201C is called "border". The border property can be set on classes, ids or directly on the HTML element.

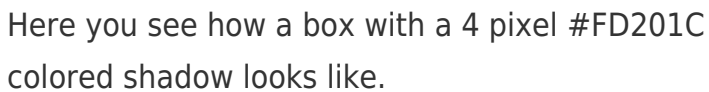
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD201C }
```

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

```
.border{ border-color:#FD201C }
```

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



Here you see how a box with a 4 pixel `#FD201C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD201C; -webkit-box-shadow:4px 4px  
4px 4px #FD201C; box-shadow:4px 4px 4px  
4px #FD201C }
```

# Background

The CSS property to change the background color of an element to Hex FD201C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD201C }
```

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

```
.background{ background-color:#FD201C }
```

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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