

Converting Colors

Hex(FD224C)

Have a look what the booklet for
Hex(FD224C) contains.

Hex(FD224C)	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(FD224C)

Conversions

Conversions Part 1

Format	Color
Hex	FD224C
RGB	253, 34, 76
RGB Percent	99%, 13%, 30%
CMY	0.0078, 0.8667, 0.7020
CMYK	0.00, 0.87, 0.70, 0.01
HSL	348°, 98%, 56%
HSV	348°, 87%, 99%
XYZ	42.3845, 22.5485, 8.9559
YIQ	104.2690, 117.0420, 59.4900

Conversions

Conversions Part 2

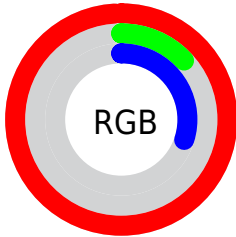
Format	Color
R_{YB}	253, 34, 76
Decimal	16589388
CIE Lab	54.60, 77.67, 34.75
CIE LCh	55, 85.089, 24.106
Yxy	22.5485, 0.5736, 0.3052
Android (android.graphics.Color)	4294779468 (0xFFFD224C)
YUV	104.2690, -13.9366, 130.4371
Hunter-Lab	47.4853, 76.2269, 22.0574

Details

The Hex color **FD224C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **22FDD3**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6B7D**, and **BC0021** is the 20% darker color. If you saturate the color by 10%, you get **FD0938**, and if you desaturate by 10%, it is **FD3B60**.

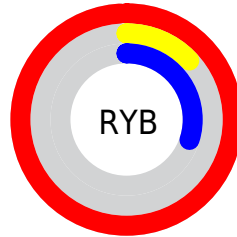
Distribution



Red (99%)

Green (13%)

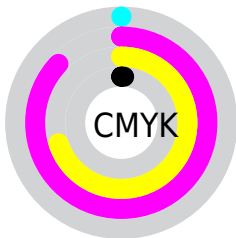
Blue (30%)



Red (99%)

Yellow (13%)

Blue (30%)

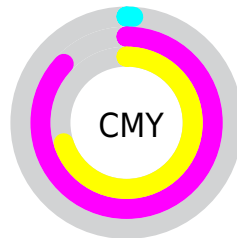


Cyan (0%)

Magenta (87%)

Yellow (70%)

Black (1%)



Cyan (1%)

Magenta (87%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD224C 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 FD224C by changing the saturation by 10% instead.

 FD224C

 FD224C

FFFFFF

 DC0035

 FF6B7D

 BC0021

 FF8A97

 9B000C

 FFA8B1

 7B0001

 FFC6CD

 5C0003

 FFE4E9

 3D0003

 180001

 000000

 FD224C

 FD224C

 FD0938

 FD3B60

 FD0031

 FD5575

 FD6E89

 FD879E

 FDA0B2

 FDBAC7

 FDD3DB

 FDECFO

FDFFFF

Harmonies

Analogous

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



FA0695



FD224C



DF5700

Triad

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



FD224C



009B1E



0091FF

Complementary

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



FD224C



22FDD3

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.



009EFA



FD224C



00A071

Square

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



FD224C



659000



00A1BD



4E76FF

Rectangle

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



FD224C



BE7100



00A1BD



0096FF

Sweetspot

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



FD224C



FFBDC9



D122FD



805860



000000



808080

Same Dimension

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



FD224C



FF0031



FD6422



807375



BF0025



40000C

Inverse Universe

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



FD224C



FF0031



22BBFD



807375



BF0025



40000C

Previews

White Background



This preview shows how the Hex color FD224C looks on a white background.

Color Contrast Check

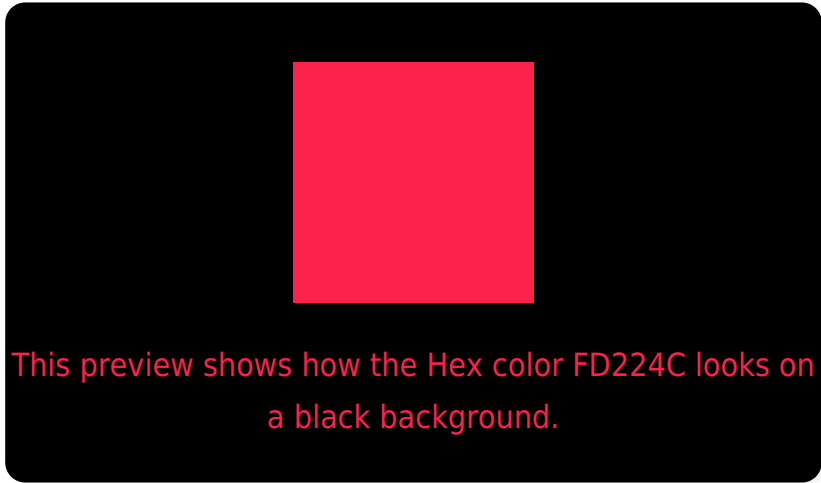
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD224C Background



This preview shows how black text looks on a background with the Hex color FD224C.



This preview shows how white text looks on a background with the Hex color FD224C.

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
FD224C

Protanopia
8A836E

Deuteranopia
A27D40



Tritanopia
FC2B29

Trichromacy



Original Color
FD224C



Protanomaly
B46062



Deuteranomaly
C35C44



Tritanomaly
FC2836

Monochromacy



Original Color
FD224C



Achromatopsia
686868



Achromatomaly
9E4F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex FD224C 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 #FD224C looks like.

```
.text, #text, p{  
    color:#FD224C  
}
```

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 #FD224C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD224C
}
```

Border

The CSS property to change the border of an element to Hex FD224C 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
#FD224C }
```

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

```
.border{ border-color:#FD224C }
```

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

Here you see how a box with a 4 pixel #FD224C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD224C; -webkit-box-shadow:4px 4px  
4px 4px #FD224C; box-shadow:4px 4px 4px  
4px #FD224C }
```

Background

The CSS property to change the background color of an element to Hex FD224C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD224C }
```

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

```
.background{ background-color:#FD224C }
```

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