

Converting Colors

Hex(FF223A)

Have a look what the booklet for
Hex(FF223A) contains.

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Color

Hex(FE223A)

Conversions

Conversions Part 1

Format	Color
Hex	FF223A
RGB	255, 34, 58
RGB Percent	100%, 13%, 23%
CMY	0.0000, 0.8667, 0.7725
CMYK	0.00, 0.87, 0.77, 0.00
HSL	353°, 100%, 57%
HSV	353°, 87%, 100%
XYZ	42.5757, 22.7095, 6.1424
YIQ	102.8150, 124.0120, 54.3160

Conversions

Conversions Part 2

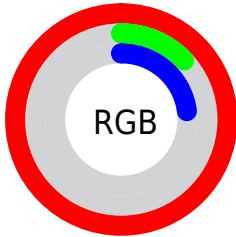
Format	Color
R_{YB}	255, 34, 58
Decimal	16720442
CIE Lab	54.77, 77.52, 45.32
CIE LCh	55, 89.793, 30.310
Yxy	22.7095, 0.5961, 0.3179
Android (android.graphics.Color)	4294910522 (0xFFFF223A)
YUV	102.8150, -22.0938, 133.4662
Hunter-Lab	47.6545, 76.0809, 25.7161

Details

The Hex color **FF223A** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **22FFE7**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6B6A**, and **BD000F** is the 20% darker color. If you saturate the color by 10%, you get **FF0823**, and if you desaturate by 10%, it is **FF3B51**.

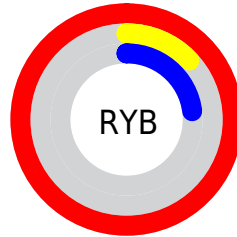
Distribution



Red (100%)

Green (13%)

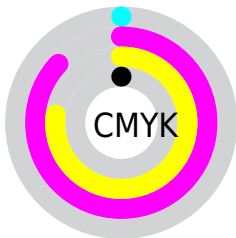
Blue (23%)



Red (100%)

Yellow (13%)

Blue (23%)

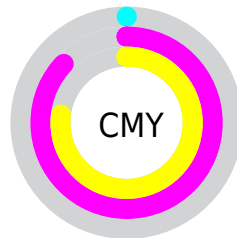


Cyan (0%)

Magenta (87%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF223A 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 FF223A by changing the saturation by 10% instead.

 FF223A

 FF223A

FFFFFF

 DE0024

 FF6B6A

 BD000F

 FF8A83

 9C0000

 FFA89D

 7C0000

 FFC6B9


 5C0003

 FFE4D4

 3D0003

 FFFFF1

 180001

 000000

 FF223A

 FF223A

 FF0823

 FF3B51

 FF001C

 FF5567

 FF6E7E

 FF8895

 FFA2AC

 FFBBC2

 FFD4D9

 FFEEF0

FFFFFF

Harmonies

Analogous

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



FF0086



FF223A



D95E00

Triad

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



FF223A



009E2D



008EFF

Complementary

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



FF223A



22FFE7

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.



009EFF



FF223A



00A282

Square

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



FF223A



4E9400



00A3D0



736DFF

Rectangle

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



FF223A



B47700



00A3D0



0095FF

Sweetspot

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



FF223A



FFBDC4



E522FF



80585C



000000



808080

Same Dimension

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



FF223A



FF001C



FF7722



807374



BF0015



400007

Inverse Universe

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



FF223A



FF001C



22AAFF



807374



BF0015



400007

Previews

White Background



This preview shows how the Hex color FF223A 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 FF223A Background



This preview shows how black text looks on a background with the Hex color FF223A.



This preview shows how white text looks on a background with the Hex color FF223A.

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
FF223A

Protanopia
8F8356

Deuteranopia
A57D2A



Tritanopia
FF2724

Trichromacy



Original Color
FF223A

Protanomaly
B8604C

Deuteranomaly
C65C30

Tritanomaly
FF252C

Monochromacy



Original Color
FF223A

Achromatopsia
676767

Achromatomaly
9E4E57

CSS Examples

Text

The CSS property to change the color of the text to Hex FF223A 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 #FF223A looks like.

```
.text, #text, p{  
    color:#FF223A  
}
```

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 #FF223A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF223A
}
```

Border

The CSS property to change the border of an element to Hex FF223A is called "border". The border property can be set on classes, ids or directly on the HTML element.

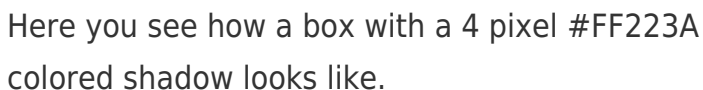
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF223A }
```

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

```
.border{ border-color:#FF223A }
```

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



Here you see how a box with a 4 pixel #FF223A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF223A; -webkit-box-shadow:4px 4px  
4px 4px #FF223A; box-shadow:4px 4px 4px  
4px #FF223A }
```

Background

The CSS property to change the background color of an element to Hex FF223A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF223A }
```

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

```
.background{ background-color:#FF223A }
```

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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