

Converting Colors

Hex(FF23DE)

Have a look what the booklet for
Hex(FF23DE) contains.

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Color

Hex(FE23DE)

Conversions

Conversions Part 1

Format	Color
Hex	FF23DE
RGB	255, 35, 222
RGB Percent	100%, 14%, 87%
CMY	0.0000, 0.8627, 0.1294
CMYK	0.00, 0.86, 0.13, 0.00
HSL	309°, 100%, 57%
HSV	309°, 86%, 100%
XYZ	55.0258, 27.7360, 71.5606
YIQ	122.0980, 71.0930, 104.7970

Conversions

Conversions Part 2

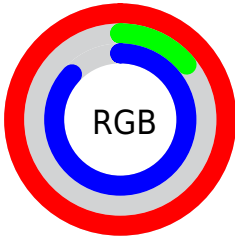
Format	Color
R _Y B	255, 35, 222
Decimal	16720862
CIE Lab	59.65, 90.65, -43.46
CIE LCh	60, 100.525, 334.386
Yxy	27.7360, 0.3566, 0.1797
Android (android.graphics.Color)	4294910942 (0xFFFF23DE)
YUV	122.0980, 49.2517, 116.5551
Hunter-Lab	52.6650, 94.3381, -43.6972

Details

The Hex color **FF23DE** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **23FF44**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF71FF**, and **C100A6** is the 20% darker color. If you saturate the color by 10%, you get **FF09DA**, and if you desaturate by 10%, it is **FF3CE2**.

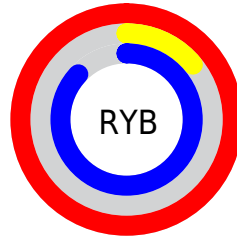
Distribution



Red (100%)

Green (14%)

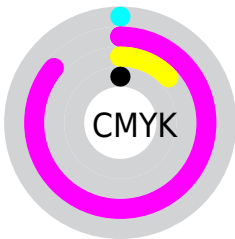
Blue (87%)



Red (100%)

Yellow (14%)

Blue (87%)

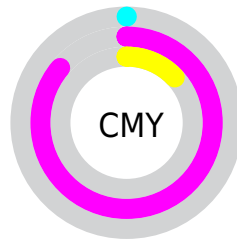


Cyan (0%)

Magenta (86%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (86%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF23DE 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 FF23DE by changing the saturation by 10% instead.

 FF23DE

 FF23DE

FFFFFF

 E000C2

 FF71FF

 C100A6

 FF91FF

 A3008B

 FFB0FF

 850071


 FFCFFF

 680058

 FFEDFF

 4D0040

 2E0029

 000012

 000000

■ FF23DE

■ FF23DE

■ FF09DA

■ FF3CE2

■ FF00D9

■ FF56E6

■ FF6FE9

■ FF89ED

■ FFA3F1

■ FFBCF5

■ FFD5F9

■ FFEFFD

FFFFFF

Harmonies

Analogous

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



9470FF



FF23DE



FF0087

Triad

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



FF23DE



A39100



00B3F3

Complementary

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



FF23DE



23FF44

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.



00B39B



FF23DE



3EA500

Square

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



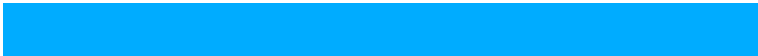
FF23DE



E96C00



00AF3B



00ACFF

Rectangle

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



FF23DE



FF004E



00AF3B



00B4D7

Sweetspot

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



FF23DE



FFBDF5



4423FF



80587A



000000



808080

Same Dimension

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



FF23DE



FF00D9



FF2370



80737E



BF00A3



400036

Inverse Universe

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



FF23DE



FF00D9



23FFB2



80737E



BF00A3



400036

Previews

White Background



This preview shows how the Hex color FF23DE 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 FF23DE Background



This preview shows how black text looks on a background with the Hex color FF23DE.

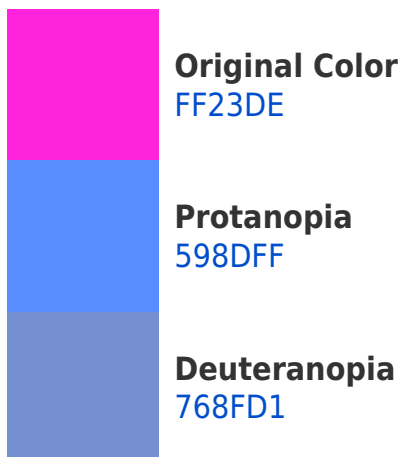


This preview shows how white text looks on a background with the Hex color FF23DE.

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





Tritanopia
F35C61

Trichromacy



Original Color
FF23DE



Protanomaly
9566F3



Deuteranomaly
A868D6



Tritanomaly
F7478E

Monochromacy



Original Color
FF23DE



Achromatopsia
7A7A7A



Achromatomaly
AA5A9E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF23DE 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 #FF23DE looks like.

```
.text, #text, p{  
    color:#FF23DE  
}
```

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 #FF23DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF23DE
}
```

Border

The CSS property to change the border of an element to Hex FF23DE 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
#FF23DE }
```

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

```
.border{ border-color:#FF23DE }
```

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

Here you see how a box with a 4 pixel #FF23DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF23DE; -webkit-box-shadow:4px 4px  
4px 4px #FF23DE; box-shadow:4px 4px 4px  
4px #FF23DE }
```

Background

The CSS property to change the background color of an element to Hex FF23DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF23DE }
```

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

```
.background{ background-color:#FF23DE }
```

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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