

Converting Colors

Hex(DC23AF)

Have a look what the booklet for
Hex(DC23AF) contains.

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Color

Hex(DC23AF)

Conversions

Conversions Part 1

Format	Color
Hex	DC23AF
RGB	220, 35, 175
RGB Percent	86%, 14%, 69%
CMY	0.1373, 0.8627, 0.3137
CMYK	0.00, 0.84, 0.20, 0.14
HSL	315°, 73%, 50%
HSV	315°, 84%, 86%
XYZ	37.8541, 19.5129, 42.3287
YIQ	106.2750, 65.3200, 82.7600

Conversions

Conversions Part 2

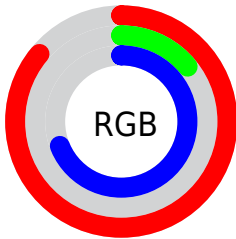
Format	Color
R_{YB}	220, 35, 175
Decimal	14427055
CIE _{Lab}	51.28, 77.86, -29.96
CIE _{LCh}	51, 83.429, 338.952
Yxy	19.5129, 0.3797, 0.1957
Android (android.graphics.Color)	4292617135 (0xFFDC23AF)
YUV	106.2750, 33.8814, 99.7368
Hunter-Lab	44.1734, 75.6611, -25.8927

Details

The Hex color **DC23AF** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **23DC50**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF69E7**, and **A0007A** is the 20% darker color. If you saturate the color by 10%, you get **DC0DAA**, and if you desaturate by 10%, it is **DC39B4**.

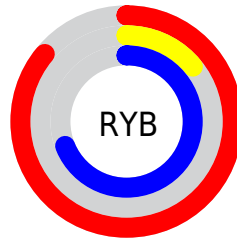
Distribution



Red (86%)

Green (14%)

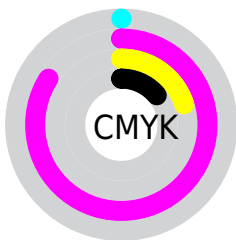
Blue (69%)



Red (86%)

Yellow (14%)

Blue (69%)

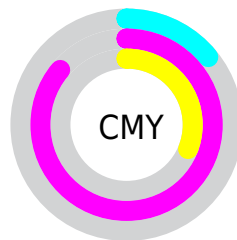


Cyan (0%)

Magenta (84%)

Yellow (20%)

Black (14%)



Cyan (14%)

Magenta (86%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC23AF 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 DC23AF by changing the saturation by 10% instead.

 DC23AF

 DC23AF

FFFFFF

 BE0094

 FF69E7

 A0007A

 FF88FF

 830061

 FFA5FF

 660049

 FFC3FF

 4B0032

 FFE1FF

 2E001C

 000000

 DC23AF

 DC23AF

 DC0DAA

 DC39B4

 DC00A6

 DC4FBA

 DC65BF

 DC7BC4

 DC91CA

 DCA7CF

 DCBDD4

 DCD3DA

 DCE9DF

Harmonies

Analogous

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



925BEB



DC23AF



F30068

Triad

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



DC23AF



827E00



0097D3

Complementary

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



DC23AF



23DC50

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.



00988F



DC23AF



288D00

Square

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



DC23AF



BC6300



009543



0090FF

Rectangle

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



DC23AF



ED223A



009543



0098BE

Sweetspot

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



DC23AF



FFBFEF



4E23DC



805976



000000



808080

Same Dimension

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



DC23AF



FF00C1



DC2354



6E636B



AD0083



2E0023

Inverse Universe

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



DC23AF



FF00C1



23DCAB



6E636B



AD0083



2E0023

Previews

White Background



This preview shows how the Hex color DC23AF 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 DC23AF Background



This preview shows how black text looks on a background with the Hex color DC23AF.

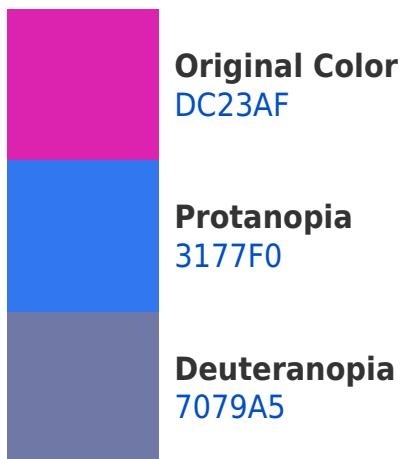


This preview shows how white text looks on a background with the Hex color DC23AF.

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
D44B4F

Trichromacy



Original Color
DC23AF



Protanomaly
6F58D8



Deuteranomaly
975AA9



Tritanomaly
D73C72

Monochromacy



Original Color
DC23AF



Achromatopsia
6A6A6A



Achromatomaly
935083

CSS Examples

Text

The CSS property to change the color of the text to Hex DC23AF 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 #DC23AF looks like.

```
.text, #text, p{  
    color:#DC23AF  
}
```

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 #DC23AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC23AF
}
```

Border

The CSS property to change the border of an element to Hex DC23AF 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
#DC23AF }
```

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

```
.border{ border-color:#DC23AF }
```

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

Here you see how a box with a 4 pixel #DC23AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC23AF; -webkit-box-shadow:4px 4px  
4px 4px #DC23AF; box-shadow:4px 4px 4px  
4px #DC23AF }
```

Background

The CSS property to change the background color of an element to Hex DC23AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC23AF }
```

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

```
.background{ background-color:#DC23AF }
```

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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