

Converting Colors

Hex(FF28D5)

Have a look what the booklet for
Hex(FF28D5) contains.

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Color

Hex(FF28D5)

Conversions

Conversions Part 1

Format	Color
Hex	FF28D5
RGB	255, 40, 213
RGB Percent	100%, 16%, 84%
CMY	0.0000, 0.8431, 0.1647
CMYK	0.00, 0.84, 0.16, 0.00
HSL	312°, 100%, 58%
HSV	312°, 84%, 100%
XYZ	54.0090, 27.5817, 65.4280
YIQ	124.0070, 72.6070, 99.3830

Conversions

Conversions Part 2

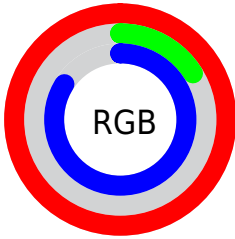
Format	Color
R _Y B	255, 40, 213
Decimal	16722133
CIE Lab	59.51, 88.67, -38.58
CIE LCh	60, 96.700, 336.484
Yxy	27.5817, 0.3674, 0.1876
Android (android.graphics.Color)	4294912213 (0xFFFF28D5)
YUV	124.0070, 43.8735, 114.8809
Hunter-Lab	52.5183, 91.6599, -37.1015

Details

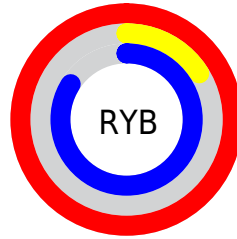
The Hex color **FF28D5** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **28FF52**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF73FF**, and **C1009E** is the 20% darker color. If you saturate the color by 10%, you get **FF0FD0**, and if you desaturate by 10%, it is **FF42DA**.

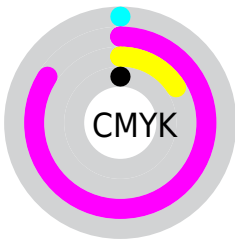
Distribution



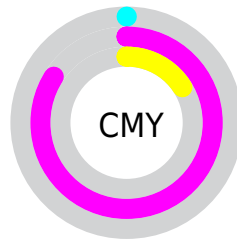
- Red (100%)
- Green (16%)
- Blue (84%)



- Red (100%)
- Yellow (16%)
- Blue (84%)



- Cyan (0%)
- Magenta (84%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF28D5 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 FF28D5 by changing the saturation by 10% instead.

 FF28D5

 FF28D5

FFFFFF

 E000B9

 FF73FF

 C1009E

 FF92FF

 A30083

 FFB1FF

 86006A

 FFD0FF

 680051

 FFEFFF

 4D003A

 2E0023

 000008

 000000

 FF28D5

 FF28D5

 FF0FD0

 FF42DA

 FF00CD

 FF5BDF

 FF75E4

 FF8EE9

 FFA8EE

 FFC1F3

 FFDBF8

 FFF4FD

FFFFFF

Harmonies

Analogous

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



A06DFF



FF28D5



FF0081

Triad

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



FF28D5



9E9200



00B2F4

Complementary

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



FF28D5



28FF52

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.



00B2A0



FF28D5



39A500

Square

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



FF28D5



E27000



00AE45



00AAFF

Rectangle

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



FF28D5



FF114A



00AE45



00B2DA

Sweetspot

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



FF28D5



FFBFF3



4F28FF



805978



000000



808080

Same Dimension

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



FF28D5



FF00CD



FF286C



80737D



BF009A



400033

Inverse Universe

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



FF28D5



FF00CD



28FFBB



80737D



BF009A



400033

Previews

White Background



This preview shows how the Hex color FF28D5 looks on a white background.

Color Contrast Check

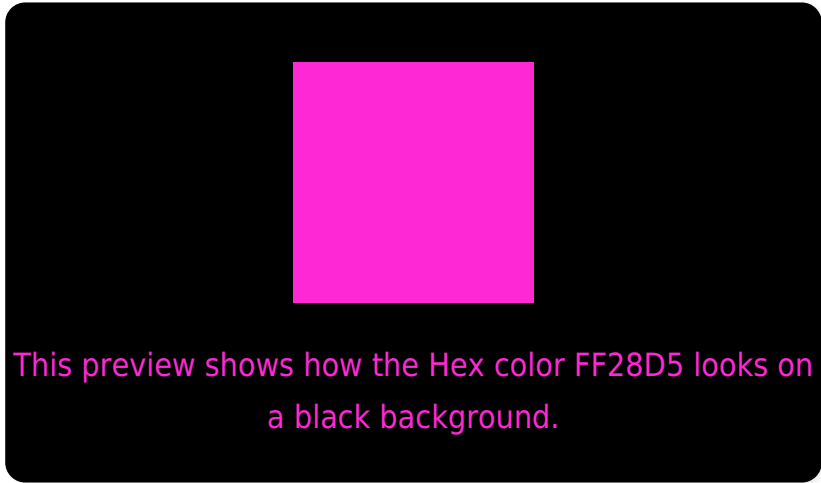
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF28D5 Background



This preview shows how black text looks on a background with the Hex color FF28D5.



This preview shows how white text looks on a background with the Hex color FF28D5.

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
F55A5F

Trichromacy



Original Color
FF28D5



Protanomaly
9568F0



Deuteranomaly
AC69CD



Tritanomaly
F9488A

Monochromacy



Original Color
FF28D5



Achromatopsia
7C7C7C



Achromatomaly
AC5D9C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF28D5 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 #FF28D5 looks like.

```
.text, #text, p{  
    color:#FF28D5  
}
```

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 #FF28D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF28D5
}
```

Border

The CSS property to change the border of an element to Hex FF28D5 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
#FF28D5 }
```

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

```
.border{ border-color:#FF28D5 }
```

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

Here you see how a box with a 4 pixel #FF28D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF28D5; -webkit-box-shadow:4px 4px  
4px 4px #FF28D5; box-shadow:4px 4px 4px  
4px #FF28D5 }
```

Background

The CSS property to change the background color of an element to Hex FF28D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF28D5 }
```

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

```
.background{ background-color:#FF28D5 }
```

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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