

Converting Colors

Hex(FF2DE5)

Have a look what the booklet for
Hex(FF2DE5) contains.

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Color

Hex(F F 2 D E 5)

Conversions

Conversions Part 1

Format	Color
Hex	FF2DE5
RGB	255, 45, 229
RGB Percent	100%, 18%, 90%
CMY	0.0000, 0.8235, 0.1020
CMYK	0.00, 0.82, 0.10, 0.00
HSL	307°, 100%, 59%
HSV	307°, 82%, 100%
XYZ	56.3212, 28.7939, 76.7181
YIQ	128.7660, 66.0960, 101.7440

Conversions

Conversions Part 2

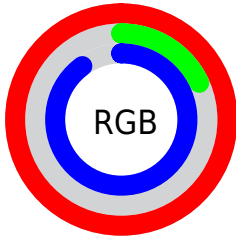
Format	Color
R _Y B	255, 45, 229
Decimal	16723429
CIE _{Lab}	60.60, 89.80, -45.90
CIE _{LCh}	61, 100.848, 332.926
Yxy	28.7939, 0.3480, 0.1779
Android (android.graphics.Color)	4294913509 (0xFFFF2DE5)
YUV	128.7660, 49.4154, 110.7072
Hunter-Lab	53.6600, 93.4478, -47.2054

Details

The Hex color **FF2DE5** 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 **2DFF47**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF76FF**, and **C200AD** is the 20% darker color. If you saturate the color by 10%, you get **FF14E2**, and if you desaturate by 10%, it is **FF47E8**.

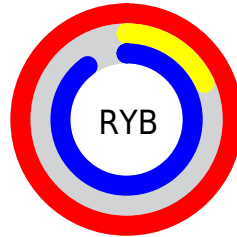
Distribution



Red (100%)

Green (18%)

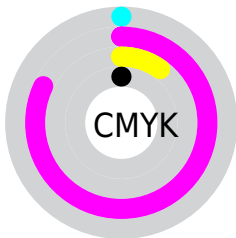
Blue (90%)



Red (100%)

Yellow (18%)

Blue (90%)

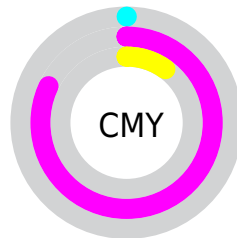


Cyan (0%)

Magenta (82%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2DE5 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 FF2DE5 by changing the saturation by 10% instead.

 FF2DE5

 FF2DE5

FFFFFF

 E000C9

 FF76FF

 C200AD

 FF96FF

 A40092

 FFB4FF

 860078

 FFD3FF

 68005E

 FFF2FF

 4D0046

 2F002E

 020018

 000000

 FF2DE5

 FF2DE5

 FF14E2

 FF47E8

 FF00DF

 FF60EB

 FF7AEE

 FF93F2

 FFADF5

 FFC6F8

 FFE0FB

 FFF9FE

FFFFFF

Harmonies

Analogous

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



8F75FF



FF2DE5



FF008E

Triad

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



FF2DE5



AA9200



00B6F2

Complementary

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



FF2DE5



2DFF47

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.



00B699



FF2DE5



48A700

Square

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



FF2DE5



EF6C00



00B138



00B0FF

Rectangle

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



FF2DE5



FF0054



00B138



00B6D6

Sweetspot

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



FF2DE5



FFBFF7



462DFF



80597B



000000



808080

Same Dimension

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



FF2DE5



FF03E0



FF2D7D



80737E



BF00A8



400038

Inverse Universe

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



FF2DE5



FF03E0



2DFFAF



80737E



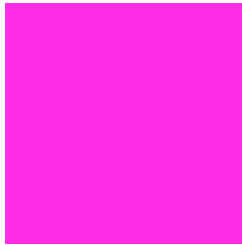
BF00A8



400038

Previews

White Background



This preview shows how the Hex color FF2DE5 looks on a white background.

Color Contrast Check

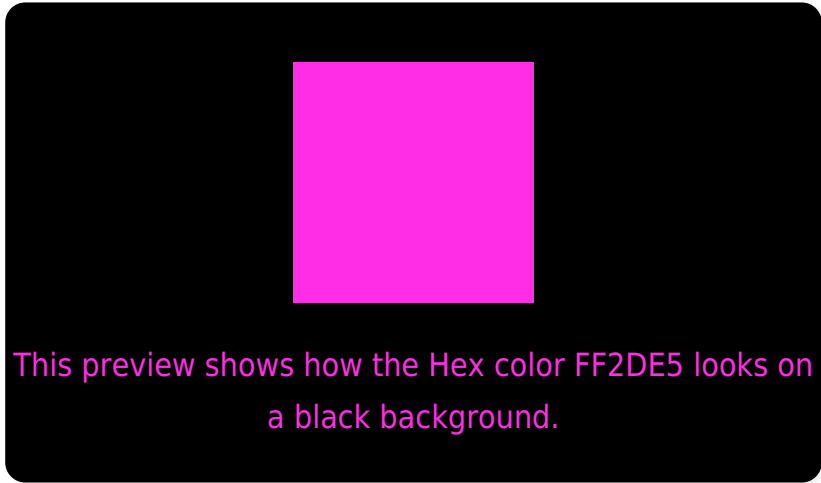
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2DE5 Background



This preview shows how black text looks on a background with the Hex color FF2DE5.

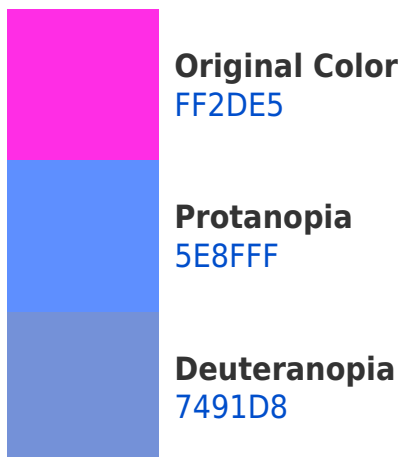


This preview shows how white text looks on a background with the Hex color FF2DE5.

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



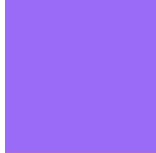


Tritanopia
F36167

Trichromacy



Original Color
FF2DE5



Protanomaly
996BF6



Deuteranomaly
A76DDD



Tritanomaly
F74E95

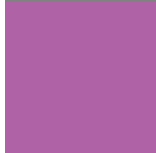
Monochromacy



Original Color
FF2DE5



Achromatopsia
818181



Achromatomaly
AF62A5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2DE5 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 #FF2DE5 looks like.

```
.text, #text, p{  
  color:#FF2DE5  
}
```

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 #FF2DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2DE5
}
```

Border

The CSS property to change the border of an element to Hex FF2DE5 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
#FF2DE5 }
```

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

```
.border{ border-color:#FF2DE5 }
```

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

Here you see how a box with a 4 pixel #FF2DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2DE5; -webkit-box-shadow:4px 4px  
4px 4px #FF2DE5; box-shadow:4px 4px 4px  
4px #FF2DE5 }
```

Background

The CSS property to change the background color of an element to Hex FF2DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2DE5 }
```

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

```
.background{ background-color:#FF2DE5 }
```

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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