

Converting Colors

Hex(DF42D5)

Have a look what the booklet for
Hex(DF42D5) contains.

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Color

Hex(**DF42D5**)

Conversions

Conversions Part 1

Format	Color
Hex	DF42D5
RGB	223, 66, 213
RGB Percent	87%, 26%, 84%
CMY	0.1255, 0.7412, 0.1647
CMYK	0.00, 0.70, 0.04, 0.13
HSL	304°, 71%, 57%
HSV	304°, 70%, 87%
XYZ	44.3899, 24.3885, 65.3186
YIQ	129.7010, 46.3850, 79.0010

Conversions

Conversions Part 2

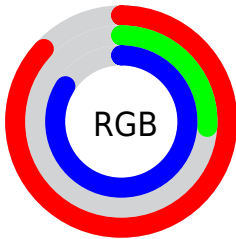
Format	Color
R _{YB}	223, 66, 213
Decimal	14631637
CIE _{Lab}	56.47, 75.54, -43.72
CIE _{LCh}	56, 87.278, 329.938
Yxy	24.3885, 0.3310, 0.1819
Android (android.graphics.Color)	4292821717 (0xFFDF42D5)
YUV	129.7010, 41.0664, 81.8232
Hunter-Lab	49.3847, 74.0230, -43.8505

Details

The Hex color **DF42D5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **42DF4C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7FFF**, and **A4009E** is the 20% darker color. If you saturate the color by 10%, you get **DF2CD4**, and if you desaturate by 10%, it is **DF58D6**.

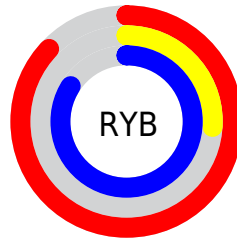
Distribution



Red (87%)

Green (26%)

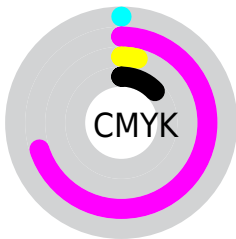
Blue (84%)



Red (87%)

Yellow (26%)

Blue (84%)

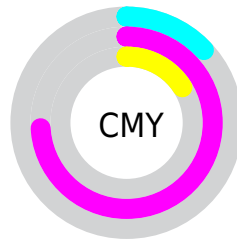


Cyan (0%)

Magenta (70%)

Yellow (4%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF42D5 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 DF42D5 by changing the saturation by 10% instead.

 DF42D5

 DF42D5

FFFFFF

 C11AB9

 FF7FFF

 A4009E

 FF9CFF

 870083

 FFBAFF

 6B0069

 FFD7FF

 4F0051

 FFF5FF

 340039

 120022

 000008

 000000

 DF42D5

 DF42D5

 DF2CD4

 DF58D6

 DF15D2

 DF6FD8

 DF00D1

 DF85D9

 DF9BDB

 DFB2DC

 DFC8DE

 DFDEDF

 DFF4E0

 DFFFE2

Harmonies

Analogous

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



7873FF



DF42D5



FF008B

Triad

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



DF42D5



A48500



00A7D2

Complementary

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



DF42D5



42DF4C

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.



00A785



DF42D5



579800

Square

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



DF42D5



DE6300



00A233



00A2FF

Rectangle

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



DF42D5



FF1A59



00A233



00A7BA

Sweetspot

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



DF42D5



FFC9FC



4A42DF



80607D



000000



808080

Same Dimension

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



DF42D5



FF29F1



DF4289



70656F



B000A5



30002D

Inverse Universe

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



DF42D5



FF29F1



42DF98



70656F



B000A5



30002D

Previews

White Background



This preview shows how the Hex color DF42D5 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

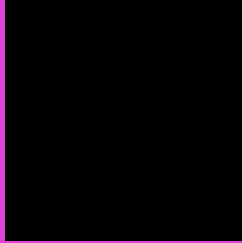
Any Text WCAG AA ✓ Pass

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 DF42D5 Background



This preview shows how black text looks on a background with the Hex color DF42D5.

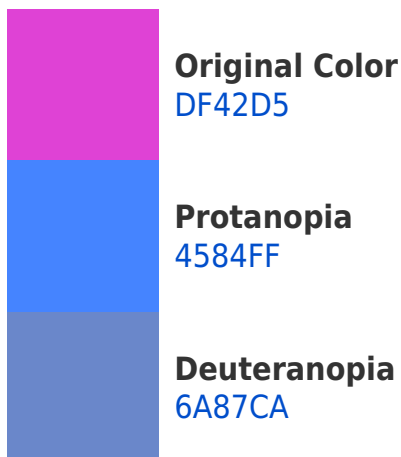



This preview shows how white text looks on a background with the Hex color DF42D5.

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
D4656C

Trichromacy



Original Color
DF42D5



Protanomaly
7D6CF0



Deuteranomaly
956ECE



Tritanomaly
D85892

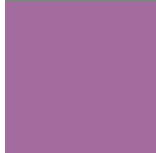
Monochromacy



Original Color
DF42D5



Achromatopsia
828282



Achromatomaly
A46BA0

CSS Examples

Text

The CSS property to change the color of the text to Hex DF42D5 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 #DF42D5 looks like.

```
.text, #text, p{  
  color:#DF42D5  
}
```

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 #DF42D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF42D5
}
```

Border

The CSS property to change the border of an element to Hex DF42D5 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
#DF42D5 }
```

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

```
.border{ border-color:#DF42D5 }
```

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

Here you see how a box with a 4 pixel #DF42D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF42D5; -webkit-box-shadow:4px 4px  
4px 4px #DF42D5; box-shadow:4px 4px 4px  
4px #DF42D5 }
```

Background

The CSS property to change the background color of an element to Hex DF42D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF42D5 }
```

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

```
.background{ background-color:#DF42D5 }
```

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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