

Converting Colors

Hex(F742D0)

Have a look what the booklet for
Hex(F742D0) contains.

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Color

Hex(F742D0)

Conversions

Conversions Part 1

Format	Color
Hex	F742D0
RGB	247, 66, 208
RGB Percent	97%, 26%, 82%
CMY	0.0314, 0.7412, 0.1843
CMYK	0.00, 0.73, 0.16, 0.03
HSL	313°, 92%, 61%
HSV	313°, 73%, 97%
XYZ	51.6912, 28.2247, 62.3980
YIQ	136.3070, 62.2940, 82.5340

Conversions

Conversions Part 2

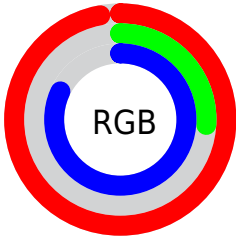
Format	Color
R _Y B	247, 66, 208
Decimal	16204496
CIE _{Lab}	60.09, 80.15, -34.93
CIE _{LCh}	60, 87.430, 336.450
Y _{xy}	28.2247, 0.3632, 0.1983
Android (android.graphics.Color)	4294394576 (0xFFFF742D0)
YUV	136.3070, 35.3446, 97.0778
Hunter-Lab	53.1269, 80.7041, -32.4478

Details

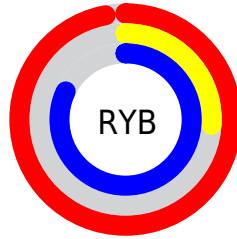
The Hex color **F742D0** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42F769**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF82FF**, and **BA0099** is the 20% darker color. If you saturate the color by 10%, you get **F729CB**, and if you desaturate by 10%, it is **F75BD5**.

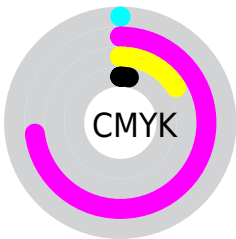
Distribution



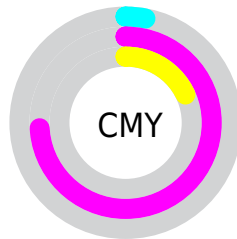
- Red (97%)
- Green (26%)
- Blue (82%)



- Red (97%)
- Yellow (26%)
- Blue (82%)



- Cyan (0%)
- Magenta (73%)
- Yellow (16%)
- Black (3%)



- Cyan (3%)
- Magenta (74%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color F742D0 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 F742D0 by changing the saturation by 10% instead.

 F742D0

 F742D0

FFFFFF

 D815B4

 FF82FF

 BA0099

 FFA0FF

 9D007F

 FFBEFF

 800065

 FFDCFF

 63004D

 FFFAFF

 480036

 2A001F

 000001

 000000

 F742D0

 F742D0

 F729CB

 F75BD5

 F711C5

 F773DB

 F700C2

 F78CE0

 F7A5E5

 F7BEEB

 F7D6F0

 F7EFF5

 F7FFFB

 F7FFFF

Harmonies

Analogous

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



A273FF



F742D0



FF1F84

Triad

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



F742D0



A09300



00B1EB

Complementary

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



F742D0



42F769

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.



00B1A0



F742D0



4AA500

Square

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



F742D0



DF7500



00AE4E



00A9FF

Rectangle

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



F742D0



FF3852



00AE4E



00B2D4

Sweetspot

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



F742D0



FFC7F3



6642F7



805E78



000000



808080

Same Dimension

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



F742D0



FF1FCF



F74278



7A6E78



BA0092



3B002E

Inverse Universe

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



F742D0



FF1FCF



42F7C1



7A6E78



BA0092



3B002E

Previews

White Background



This preview shows how the Hex color F742D0 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

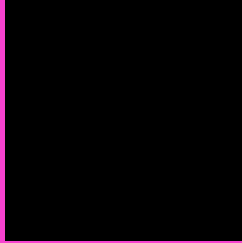
Any Text WCAG AA ✓ Pass

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 F742D0 Background



This preview shows how black text looks on a background with the Hex color F742D0.

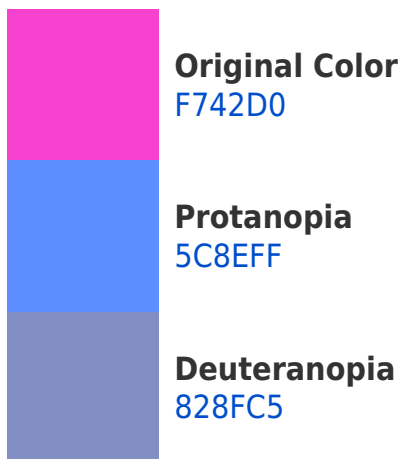



This preview shows how white text looks on a background with the Hex color F742D0.

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](#).

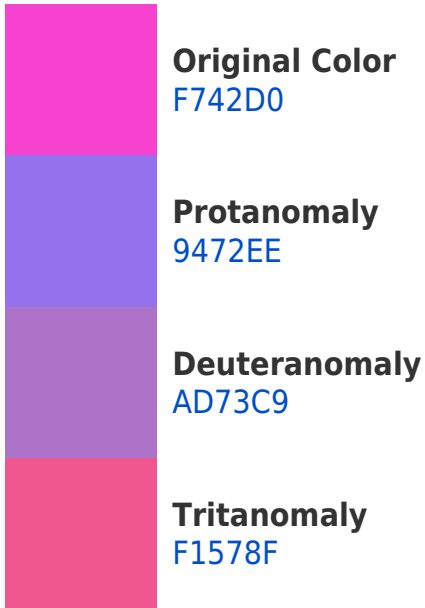
Dichromacy



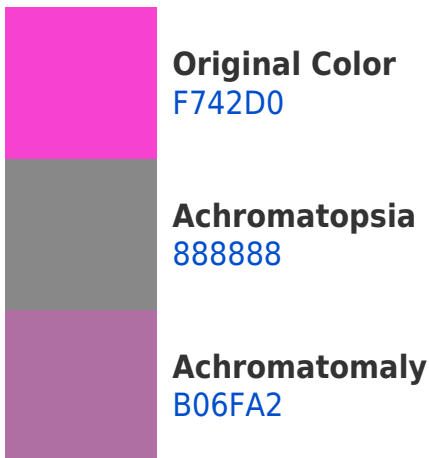


Tritanopia
ED636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F742D0 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 #F742D0 looks like.

```
.text, #text, p{  
    color:#F742D0  
}
```

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 #F742D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F742D0
}
```

Border

The CSS property to change the border of an element to Hex F742D0 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
#F742D0 }
```

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

```
.border{ border-color:#F742D0 }
```

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

Here you see how a box with a 4 pixel #F742D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F742D0; -webkit-box-shadow:4px 4px  
4px 4px #F742D0; box-shadow:4px 4px 4px  
4px #F742D0 }
```

Background

The CSS property to change the background color of an element to Hex F742D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F742D0 }
```

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

```
.background{ background-color:#F742D0 }
```

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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