

Converting Colors

Hex(D688F2)

Have a look what the booklet for
Hex(D688F2) contains.

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Color

Hex(D688F2)

Conversions

Conversions Part 1

Format	Color
Hex	D688F2
RGB	214, 136, 242
RGB Percent	84%, 53%, 95%
CMY	0.1608, 0.4667, 0.0510
CMYK	0.12, 0.44, 0.00, 0.05
HSL	284°, 80%, 74%
HSV	284°, 44%, 95%
XYZ	52.5627, 38.3153, 88.6296
YIQ	171.4060, 12.4620, 49.5020

Conversions

Conversions Part 2

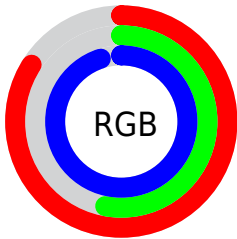
Format	Color
R _Y B	214, 136, 242
Decimal	14059762
CIE Lab	68.25, 47.25, -41.48
CIE LCh	68, 62.874, 318.724
Yxy	38.3153, 0.2928, 0.2134
Android (android.graphics.Color)	4292249842 (0xFFD688F2)
YUV	171.4060, 34.8028, 37.3549
Hunter-Lab	61.8993, 43.2521, -41.5640

Details

The Hex color **D688F2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A4F288**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFBFFF**, and **9D54B9** is the 20% darker color. If you saturate the color by 10%, you get **D070F2**, and if you desaturate by 10%, it is **DCA0F2**.

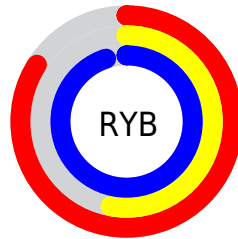
Distribution



Red (84%)

Green (53%)

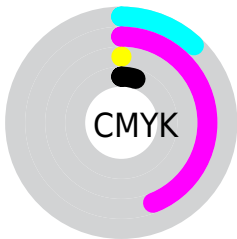
Blue (95%)



Red (84%)

Yellow (53%)

Blue (95%)

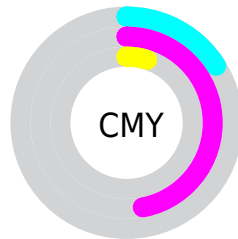


Cyan (12%)

Magenta (44%)

Yellow (0%)

Black (5%)



Cyan (16%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color D688F2 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 D688F2 by changing the saturation by 10% instead.

 D688F2

 D688F2

FFFFFF

 B96DD5

 FFBFFF

 9D54B9

 FFDBFF

 823A9E

 FFF8FF

 671F84

 4D006A

 330051

 1D003A

 000223

 00000A

 D688F2

 D688F2

 D070F2

 DCA0F2

 C958F2

 E3B8F2

 C33FF2

 E9D1F2

 BC27F2

 F0E9F2

 B60FF2

 F6FFF2

 B200F2

 FCFFF2

 FFFFF2

Harmonies

Analogous

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



80A0FF



D688F2



FF74BE

Triad

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



D688F2



D69C2F



00C2C9

Complementary

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



D688F2



A4F288

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.



00C08E



D688F2



A2AE30

Square

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



D688F2



FD8552



5EBA57



00BEFB

Rectangle

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



D688F2



FF7198



5EBA57



00C2B6

Sweetspot

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



D688F2



F6DEFF



88A4F2



7A6B80



000000



808080

Same Dimension

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



D688F2



DB78FF



F288D9



756C78



8700B8



290038

Inverse Universe

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



F288A4



FF789C



88F2A1



786C6F



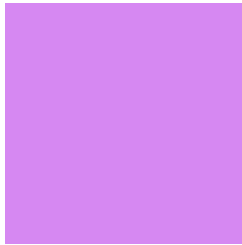
B80030



38000F

Previews

White Background



This preview shows how the Hex color D688F2 looks on a white background.

Color Contrast Check

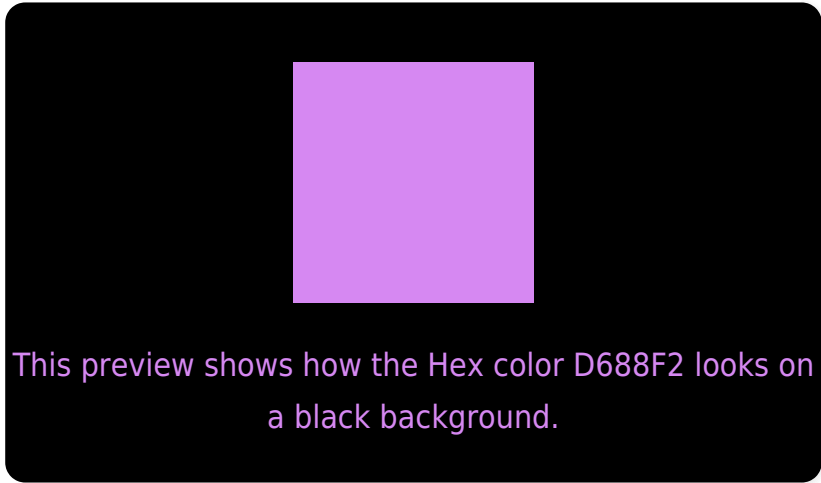
Large Text (above 18pt) WCAG AA × Fail

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

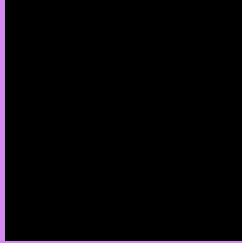
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D688F2 Background



This preview shows how black text looks on a background with the Hex color D688F2.

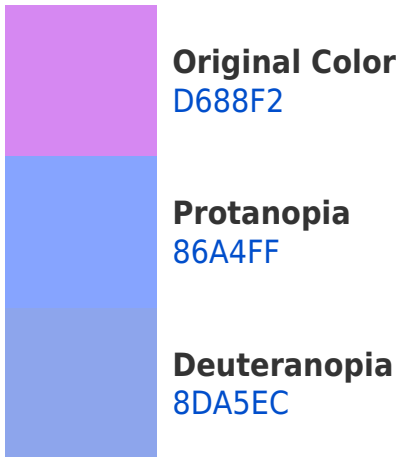


This preview shows how white text looks on a background with the Hex color D688F2.

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
CB99A5

Trichromacy



Original Color
D688F2



Protanomaly
A39AFA



Deuteranomaly
A89AEE



Tritanomaly
CF93C1

Monochromacy



Original Color
D688F2



Achromatopsia
ABABAB



Achromatomaly
BB9EC5

CSS Examples

Text

The CSS property to change the color of the text to Hex D688F2 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 #D688F2 looks like.

```
.text, #text, p{  
    color:#D688F2  
}
```

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 #D688F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D688F2
}
```

Border

The CSS property to change the border of an element to Hex D688F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

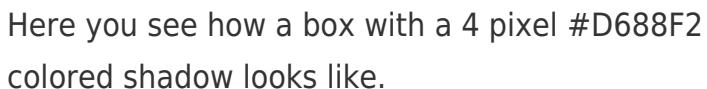
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D688F2 }
```

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

```
.border{ border-color:#D688F2 }
```

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



Here you see how a box with a 4 pixel #D688F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D688F2; -webkit-box-shadow:4px 4px  
4px 4px #D688F2; box-shadow:4px 4px 4px  
4px #D688F2 }
```

Background

The CSS property to change the background color of an element to Hex D688F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D688F2 }
```

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

```
.background{ background-color:#D688F2 }
```

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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