

Converting Colors

Hex(D84CF2)

Have a look what the booklet for
Hex(D84CF2) contains.

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Color

Hex(D84CF2)

Conversions

Conversions Part 1

Format	Color
Hex	D84CF2
RGB	216, 76, 242
RGB Percent	85%, 30%, 95%
CMY	0.1529, 0.7020, 0.0510
CMYK	0.11, 0.69, 0.00, 0.05
HSL	291°, 86%, 62%
HSV	291°, 69%, 95%
XYZ	46.9304, 26.1786, 86.5839
YIQ	136.7840, 30.1540, 81.3060

Conversions

Conversions Part 2

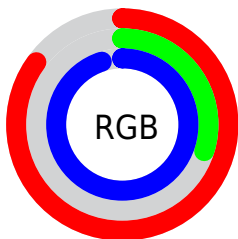
Format	Color
R _Y B	216, 76, 242
Decimal	14175474
CIE Lab	58.21, 75.34, -57.35
CIE LCh	58, 94.683, 322.720
Yxy	26.1786, 0.2939, 0.1639
Android (android.graphics.Color)	4292365554 (0xFFD84CF2)
YUV	136.7840, 51.8715, 69.4724
Hunter-Lab	51.1650, 74.1876, -64.5178

Details

The Hex color **D84CF2** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed magenta. A complement of this color would be **66F24C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF87FF**, and **9D00B9** is the 20% darker color. If you saturate the color by 10%, you get **D434F2**, and if you desaturate by 10%, it is **DC64F2**.

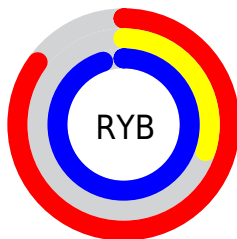
Distribution



Red (85%)

Green (30%)

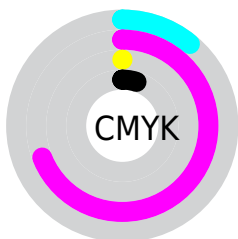
Blue (95%)



Red (85%)

Yellow (30%)

Blue (95%)

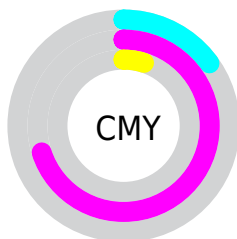


Cyan (11%)

Magenta (69%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (70%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84CF2 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 D84CF2 by changing the saturation by 10% instead.

 D84CF2

 D84CF2

FFFFFF

 BA2AD5

 FF87FF

 9D00B9

 FFA4FF

 80009D

 FFC1FF

 640083

 FFDFFF

 470069

 FFFDFD

 2C0050

 040038

 000221

 000006

 D84CF2

 D84CF2

 D434F2

 DC64F2

 D01CF2

 E07CF2

 CD03F2

 E395F2

 CC00F2

 E7ADF2

 EBC5F2

 EFDDF2

 F3F5F2

 F6FFF2

 FAFFF2

Harmonies

Analogous

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



367FFF



D84CF2



FF00A4

Triad

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



D84CF2



BB8200



00AECA

Complementary

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



D84CF2



66F24C

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.



00AC74



D84CF2



6D9A00

Square

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



D84CF2



F55800



00A70B



00ABFF

Rectangle

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



D84CF2



FF006D



00A70B



00AEAE

Sweetspot

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



D84CF2



F7C9FF



4C68F2



7B6080



000000



808080

Same Dimension

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



D84CF2



DE2EFF



F24CBB



766C78



9B00B8



2F0038

Inverse Universe

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



F24C66



FF2E4F



4CF283



786C6E



B8001D



380009

Previews

White Background



This preview shows how the Hex color D84CF2 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

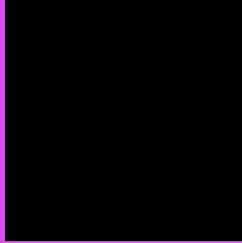
Any Text WCAG AA ✓ Pass

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 D84CF2 Background



This preview shows how black text looks on a background with the Hex color D84CF2.

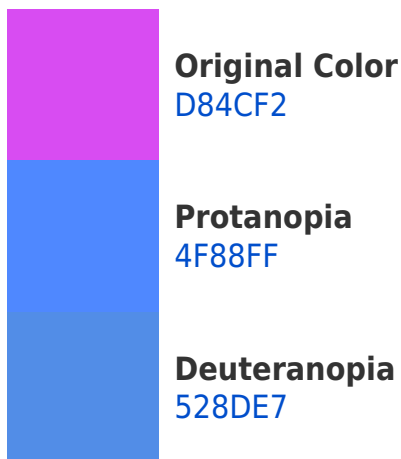


This preview shows how white text looks on a background with the Hex color D84CF2.

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](#).

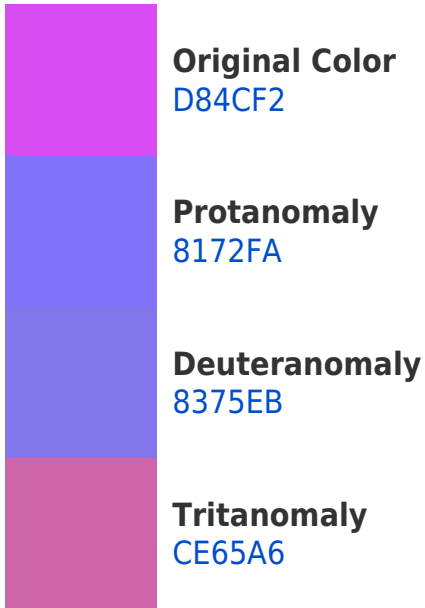
Dichromacy



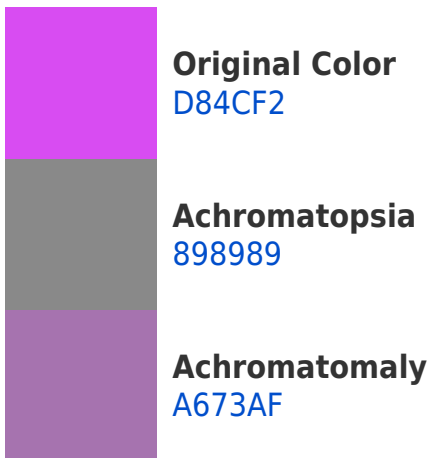


Tritanopia
C8737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D84CF2 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 #D84CF2 looks like.

```
.text, #text, p{  
    color:#D84CF2  
}
```

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 #D84CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84CF2
}
```

Border

The CSS property to change the border of an element to Hex D84CF2 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
#D84CF2 }
```

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

```
.border{ border-color:#D84CF2 }
```

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

Here you see how a box with a 4 pixel #D84CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84CF2; -webkit-box-shadow:4px 4px  
4px 4px #D84CF2; box-shadow:4px 4px 4px  
4px #D84CF2 }
```

Background

The CSS property to change the background color of an element to Hex D84CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84CF2 }
```

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

```
.background{ background-color:#D84CF2 }
```

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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