

Converting Colors

Hex(D84FB0)

Have a look what the booklet for
Hex(D84FB0) contains.

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Color

Hex(D84FB0)

Conversions

Conversions Part 1

Format	Color
Hex	D84FB0
RGB	216, 79, 176
RGB Percent	85%, 31%, 69%
CMY	0.1529, 0.6902, 0.3098
CMYK	0.00, 0.63, 0.19, 0.15
HSL	318°, 64%, 58%
HSV	318°, 63%, 85%
XYZ	38.9514, 23.3255, 43.5236
YIQ	131.0210, 50.5150, 59.2110

Conversions

Conversions Part 2

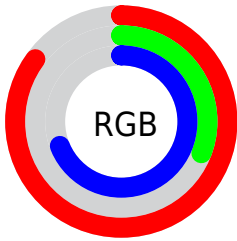
Format	Color
R_{YB}	216, 79, 176
Decimal	14176176
CIE _{Lab}	55.41, 63.61, -24.21
CIE _{LCh}	55, 68.060, 339.159
Yxy	23.3255, 0.3682, 0.2205
Android (android.graphics.Color)	4292366256 (0xFFD84FB0)
YUV	131.0210, 22.1746, 74.5266
Hunter-Lab	48.2965, 59.4424, -19.6232

Details

The Hex color **D84FB0** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4FD877**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF88E8**, and **9E027B** is the 20% darker color. If you saturate the color by 10%, you get **D839AA**, and if you desaturate by 10%, it is **D865B6**.

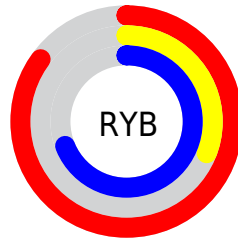
Distribution



Red (85%)

Green (31%)

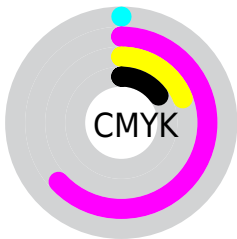
Blue (69%)



Red (85%)

Yellow (31%)

Blue (69%)

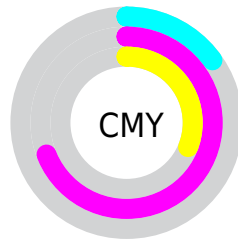


Cyan (0%)

Magenta (63%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (69%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84FB0 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 D84FB0 by changing the saturation by 10% instead.

 D84FB0

 D84FB0

FFFFFF

 BB3095

 FF88E8

 9E027B

 FFA4FF

 810062

 FFC1FF

 65004A

 FFDEFF

 4A0033

 FFFCFF

 30001E

 020000

 000000

 D84FB0

 D84FB0

 D839AA

 D865B6

 D824A3

 D87ABD

 D80E9D

 D890C3

 D80099

 D8A5C9

 D8BBD0

 D8D1D6

 D8E6DC

 D8FCE2

 D8FFE9

Harmonies

Analogous

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



9D6CE1



D84FB0



ED4475

Triad

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



D84FB0



8F8800



009ECE

Complementary

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



D84FB0



4FD877

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.



009F96



D84FB0



4E951A

Square

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



D84FB0



C07200



009D58



0096F3

Rectangle

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



D84FB0



E94E4F



009D58



009FBD

Sweetspot

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



D84FB0



FFCFF1



764FD8



806277



000000



808080

Same Dimension

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



D84FB0



FF3DC6



D84F6D



6B6068



AB0079



2B001F

Inverse Universe

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



D84FB0



FF3DC6



4FD8BA



6B6068



AB0079



2B001F

Previews

White Background



This preview shows how the Hex color D84FB0 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 D84FB0 Background



This preview shows how black text looks on a background with the Hex color D84FB0.

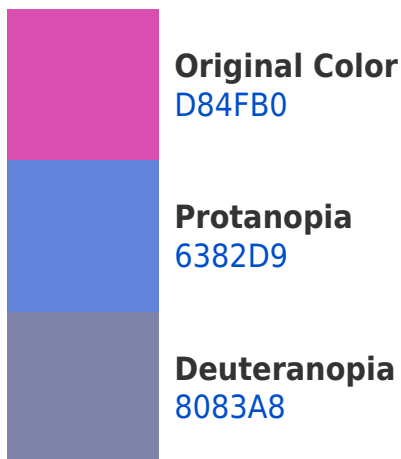



This preview shows how white text looks on a background with the Hex color D84FB0.

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](#).

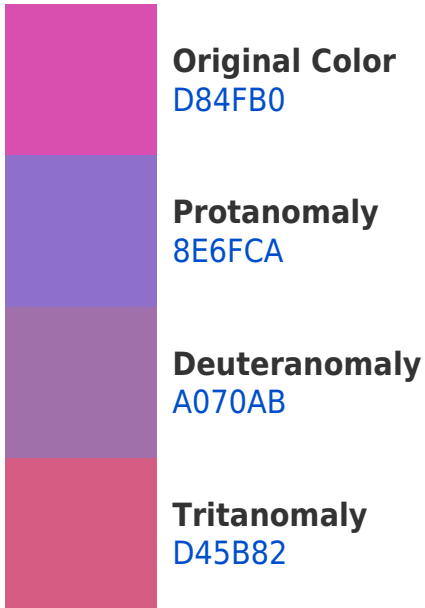
Dichromacy



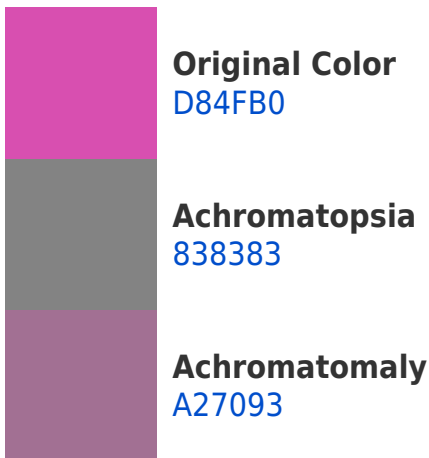


Tritanopia
D16268

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D84FB0 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 #D84FB0 looks like.

```
.text, #text, p{  
    color:#D84FB0  
}
```

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 #D84FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84FB0
}
```

Border

The CSS property to change the border of an element to Hex D84FB0 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
#D84FB0 }
```

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

```
.border{ border-color:#D84FB0 }
```

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

Here you see how a box with a 4 pixel #D84FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84FB0; -webkit-box-shadow:4px 4px  
4px 4px #D84FB0; box-shadow:4px 4px 4px  
4px #D84FB0 }
```

Background

The CSS property to change the background color of an element to Hex D84FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84FB0 }
```

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

```
.background{ background-color:#D84FB0 }
```

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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