

# Converting Colors

Hex(D684D9)

Have a look what the booklet for  
Hex(D684D9) contains.

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# **Color**

**Hex(D684D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D684D9
RGB	214, 132, 217
RGB Percent	84%, 52%, 85%
CMY	0.1608, 0.4824, 0.1490
CMYK	0.01, 0.39, 0.00, 0.15
HSL	298°, 53%, 68%
HSV	298°, 39%, 85%
XYZ	48.5072, 35.8084, 70.0007
YIQ	166.2080, 21.5870, 43.8190

# Conversions

## Conversions Part 2

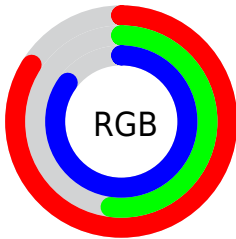
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 132, 217</a>
Decimal	<a href="#">14058713</a>
CIELab	<a href="#">66.37, 44.51, -30.59</a>
CIELCh	<a href="#">66, 54.011, 325.501</a>
Yxy	<a href="#">35.8084, 0.3143, 0.2320</a>
Android (android.graphics.Color)	<a href="#">4292248793 (0xFFD684D9)</a>
YUV	<a href="#">166.2080, 25.0405, 41.9136</a>
Hunter-Lab	<a href="#">59.8401, 39.9742, -27.4691</a>

# Details

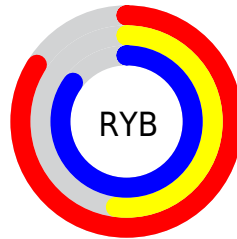
The Hex color **D684D9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **87D984**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBBFF**, and **9E50A2** is the 20% darker color. If you saturate the color by 10%, you get **D56ED9**, and if you desaturate by 10%, it is **D79AD9**.

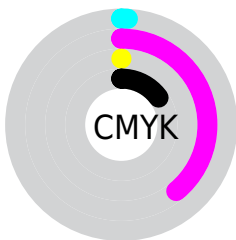
# Distribution



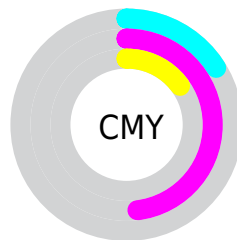
- Red (84%)
- Green (52%)
- Blue (85%)



- Red (84%)
- Yellow (52%)
- Blue (85%)



- Cyan (1%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (48%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D684D9 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 D684D9 by changing the saturation by 10% instead.



 D684D9

 D684D9

FFFFFF

 BA6ABD

 FFBBFF

 9E50A2

 FFD7FF

 823687

 FFF4FF

 681C6E

 4E0055

 35003D

 1F0027

 000110

 000000

 D684D9

 D684D9

 D56ED9

 D79AD9

 D459D9

 D8AFD9

 D443D9

 D8C5D9

 D32DD9

 D9DBD9

 D218D9

 DAF1D9

 D102D9

 DBFFD9

 D100D9

 DCFFD9

 DDFFD9

# Harmonies

## Analogous

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



9898F9



D684D9



F677AB

# Triad

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



D684D9



C39C3C



00B9CA

# Complementary

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



D684D9



87D984

# 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.



00B998



D684D9



94AB45

# Square

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



D684D9



E78A52



56B468



00B4F0

# Rectangle

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



D684D9



FC788A



56B468



00BABA



# Sweetspot

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



D684D9



FEE0FF



8488D9



7F6E80



000000



808080



# Same Dimension

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



D684D9



FB87FF



D984B3



6D636E



A700AD



2C002E



# Inverse Universe

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



D98487



FF878B



84D9AA



6E6363



AD0006

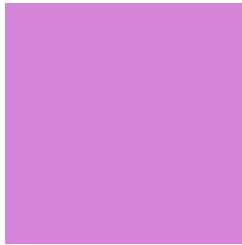


2E0002



# Previews

## White Background



This preview shows how the Hex color D684D9 looks on a white background.

## Color Contrast Check

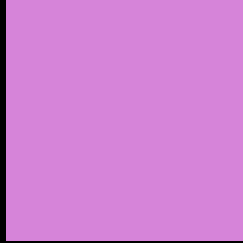
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D684D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

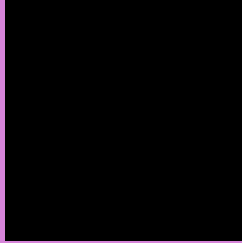
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D684D9 Background



This preview shows how black text looks on a background with the Hex color D684D9.

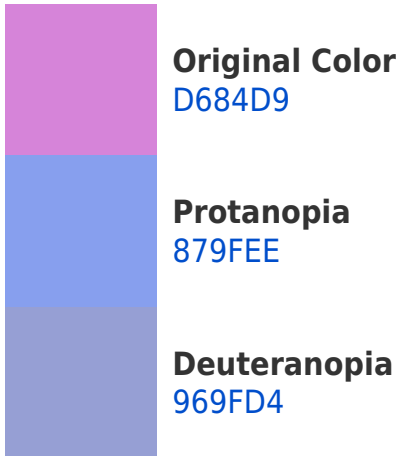


This preview shows how white text looks on a background with the Hex color D684D9.

# 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





# Trichromacy



**Original Color**  
D684D9



**Protanomaly**  
A495E6



**Deuteranomaly**  
AD95D6

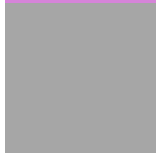


**Tritanomaly**  
D18CB2

# Monochromacy



**Original Color**  
D684D9



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
B79AB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D684D9 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 #D684D9 looks like.

```
.text, #text, p{  
    color:#D684D9  
}
```

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 #D684D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D684D9
}
```

## Border

The CSS property to change the border of an element to Hex D684D9 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
#D684D9 }
```

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

```
.border{ border-color:#D684D9 }
```

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

Here you see how a box with a 4 pixel #D684D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D684D9; -webkit-box-shadow:4px 4px  
4px 4px #D684D9; box-shadow:4px 4px 4px  
4px #D684D9 }
```

# Background

The CSS property to change the background color of an element to Hex D684D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D684D9 }
```

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

```
.background{ background-color:#D684D9 }
```

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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