

Converting Colors

Hex(D684B6)

Have a look what the booklet for
Hex(D684B6) contains.

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Color

Hex(D684B6)

Conversions

Conversions Part 1

Format	Color
Hex	D684B6
RGB	214, 132, 182
RGB Percent	84%, 52%, 71%
CMY	0.1608, 0.4824, 0.2863
CMYK	0.00, 0.38, 0.15, 0.16
HSL	323°, 50%, 68%
HSV	323°, 38%, 84%
XYZ	44.4263, 34.1761, 48.5111
YIQ	162.2180, 32.8220, 32.9340

Conversions

Conversions Part 2

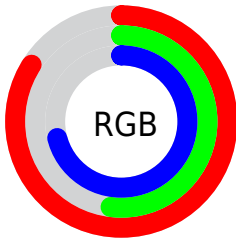
Format	Color
R_{YB}	214, 132, 182
Decimal	14058678
CIE _{Lab}	65.10, 38.46, -12.92
CIE _{LCh}	65, 40.570, 341.427
Yxy	34.1761, 0.3495, 0.2689
Android (android.graphics.Color)	4292248758 (0xFFD684B6)
YUV	162.2180, 9.7525, 45.4128
Hunter-Lab	58.4603, 33.3437, -8.2774

Details

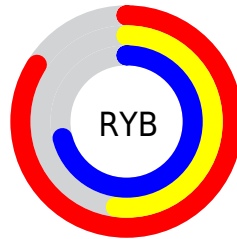
The Hex color **D684B6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **84D6A4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBAEE**, and **9E5081** is the 20% darker color. If you saturate the color by 10%, you get **D66FAE**, and if you desaturate by 10%, it is **D699BE**.

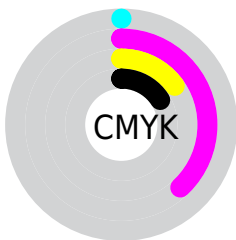
Distribution



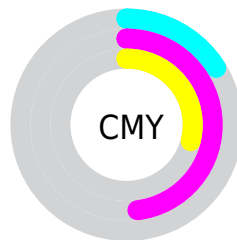
- Red (84%)
- Green (52%)
- Blue (71%)



- Red (84%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color D684B6 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 D684B6 by changing the saturation by 10% instead.

 D684B6

 D684B6

FFFFFF

 BA6A9B

 FFBAEE

 9E5081

 FFD7FF

 833768

 FFF3FF

 681E50

 4E0039

 360023

 1D000C

 000000

 D684B6

 D684B6

 D66FAE

 D699BE

 D659A5

 D6AFC7

 D6449D

 D6C4CF

 D62E95

 D6DAD7

 D6198C

 D6EFE0

 D60484

 D6FFE8

 D60082

 D6FFF0

 D6FFF9

 D6FFFF

Harmonies

Analogous

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



B48FD5



D684B6



E48191

Triad

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



D684B6



A7A055



00AFCD

Complementary

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



D684B6



84D6A4

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.



00B1AB



D684B6



80AA66

Square

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



D684B6



C89459



4FAF86



31A8E2

Rectangle

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



D684B6



E2857A



4FAF86



00B0C3

Sweetspot

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



D684B6



FFE3F4



A384D6



806F79



000000



808080

Same Dimension

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



D684B6



FF8AD1



D6848E



6B6067



AB0068



2B001A

Inverse Universe

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



D684B6



FF8AD1



84D6CC



6B6067



AB0068



2B001A

Previews

White Background



This preview shows how the Hex color D684B6 looks on a white background.

Color Contrast Check

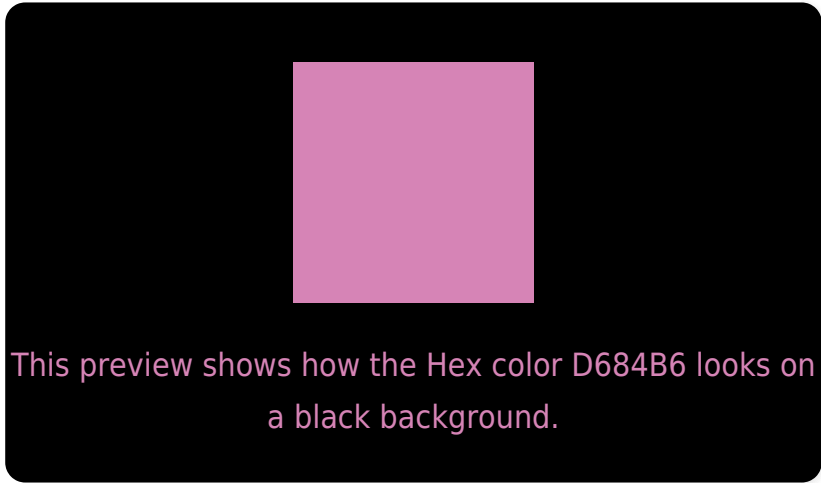
Large Text (above 18pt) WCAG AA × Fail

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

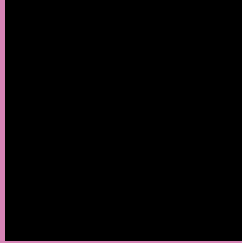
Any Text WCAG AA ✓ Pass

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 D684B6 Background



This preview shows how black text looks on a background with the Hex color D684B6.

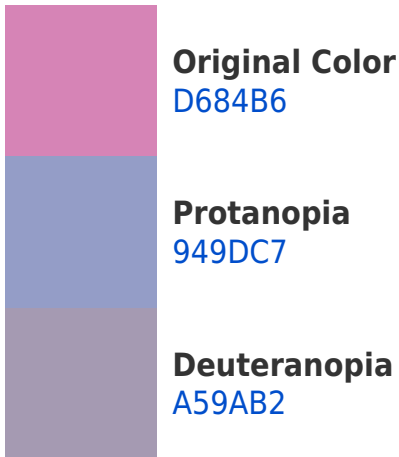



This preview shows how white text looks on a background with the Hex color D684B6.

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
D28A95

Trichromacy



Original Color
D684B6



Protanomaly
AC94C1



Deuteranomaly
B792B3

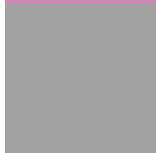


Tritanomaly
D388A1

Monochromacy



Original Color
D684B6



Achromatopsia
A2A2A2



Achromatomaly
B597A9

CSS Examples

Text

The CSS property to change the color of the text to Hex D684B6 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 #D684B6 looks like.

```
.text, #text, p{  
    color:#D684B6  
}
```

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 #D684B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D684B6
}
```

Border

The CSS property to change the border of an element to Hex D684B6 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
#D684B6 }
```

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

```
.border{ border-color:#D684B6 }
```

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

Here you see how a box with a 4 pixel #D684B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D684B6; -webkit-box-shadow:4px 4px  
4px 4px #D684B6; box-shadow:4px 4px 4px  
4px #D684B6 }
```

Background

The CSS property to change the background color of an element to Hex D684B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D684B6 }
```

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

```
.background{ background-color:#D684B6 }
```

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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