

Converting Colors

Hex(D84C9A)

Have a look what the booklet for
Hex(D84C9A) contains.

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Color

Hex(D84C9A)

Conversions

Conversions Part 1

Format	Color
Hex	D84C9A
RGB	216, 76, 154
RGB Percent	85%, 30%, 60%
CMY	0.1529, 0.7020, 0.3961
CMYK	0.00, 0.65, 0.29, 0.15
HSL	327°, 64%, 57%
HSV	327°, 65%, 85%
XYZ	36.7361, 22.1009, 32.9015
YIQ	126.7520, 58.4020, 53.9380

Conversions

Conversions Part 2

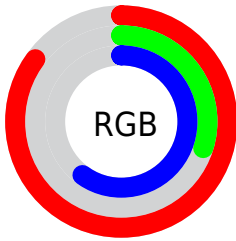
Format	Color
R_{YB}	216, 76, 154
Decimal	14175386
CIE _{Lab}	54.13, 61.91, -13.29
CIE _{LCh}	54, 63.321, 347.886
Yxy	22.1009, 0.4004, 0.2409
Android (android.graphics.Color)	4292365466 (0xFFD84C9A)
YUV	126.7520, 13.4333, 78.2705
Hunter-Lab	47.0116, 57.2142, -8.5866

Details

The Hex color **D84C9A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4CD88A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF85D0**, and **9D0067** is the 20% darker color. If you saturate the color by 10%, you get **D83690**, and if you desaturate by 10%, it is **D862A4**.

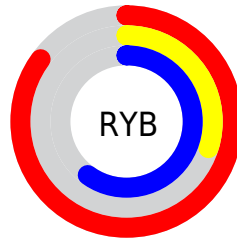
Distribution



Red (85%)

Green (30%)

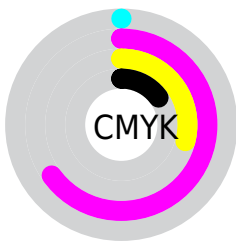
Blue (60%)



Red (85%)

Yellow (30%)

Blue (60%)

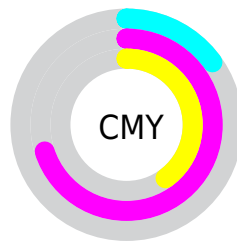


Cyan (0%)

Magenta (65%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (70%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84C9A 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 D84C9A by changing the saturation by 10% instead.

 D84C9A

 D84C9A

FFFFFF

 BA2D80

 FF85D0

 9D0067

 FFA1ED

 80004F

 FFBEFF

 640038

 FFDBFF

 490022

 FFF9FF

 2F0009

 000000

 D84C9A

 D84C9A

 D83690

 D862A4

 D82187

 D877AD

 D80B7D

 D88DB7

 D80078

 D8A2C0

 D8B8CA

 D8CED3

 D8E3DD

 D8F9E7

 D8FFF0

Harmonies

Analogous

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



AC63CB



D84C9A



E24A63

Triad

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



D84C9A



7C8900



0098D2

Complementary

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



D84C9A



4CD88A

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.



009BA1



D84C9A



379432

Square

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



D84C9A



AE7700



009969



008EED

Rectangle

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



D84C9A



DA5741



009969



0099C3

Sweetspot

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



D84C9A



FFCFEA



894CD8



806273



000000



808080

Same Dimension

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



D84C9A



FF38A7



D84C55



6B6066



AB005F



2B0018

Inverse Universe

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



D84C9A



FF38A7



4CD8CF



6B6066



AB005F



2B0018

Previews

White Background



This preview shows how the Hex color D84C9A looks on a white background.

Color Contrast Check

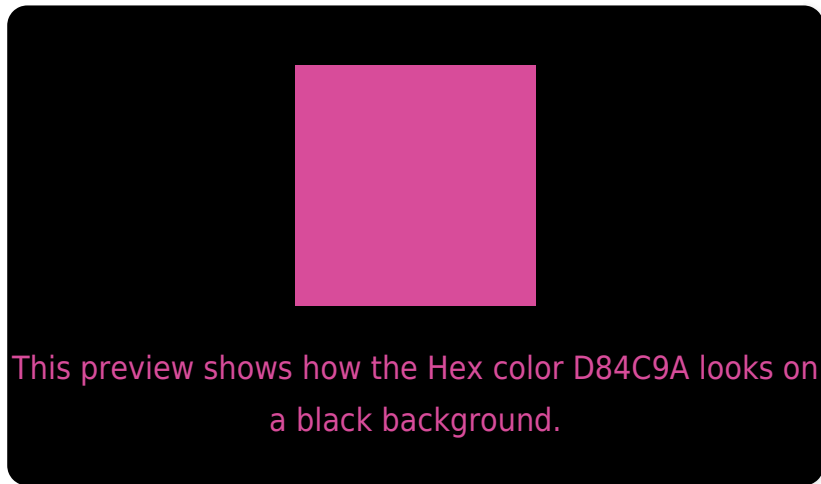
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84C9A Background



This preview shows how black text looks on a background with the Hex color D84C9A.




This preview shows how white text looks on a background with the Hex color D84C9A.

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](#).

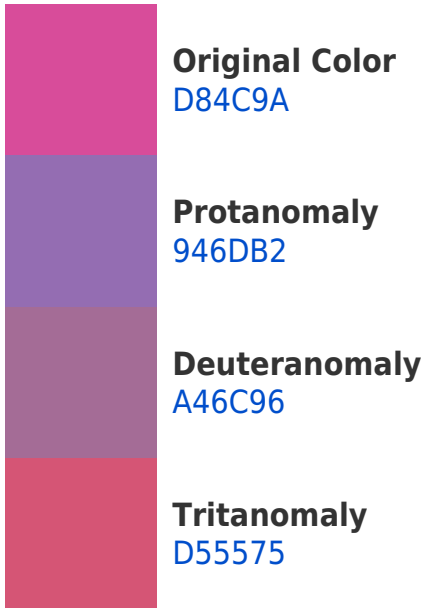
Dichromacy





Tritanopia
D35A60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D84C9A 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 #D84C9A looks like.

```
.text, #text, p{  
    color:#D84C9A  
}
```

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 #D84C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84C9A
}
```

Border

The CSS property to change the border of an element to Hex D84C9A 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
#D84C9A }
```

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

```
.border{ border-color:#D84C9A }
```

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

Here you see how a box with a 4 pixel #D84C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84C9A; -webkit-box-shadow:4px 4px  
4px 4px #D84C9A; box-shadow:4px 4px 4px  
4px #D84C9A }
```

Background

The CSS property to change the background color of an element to Hex D84C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84C9A }
```

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

```
.background{ background-color:#D84C9A }
```

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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