

# Converting Colors

Hex(DA4C96)

Have a look what the booklet for  
Hex(DA4C96) contains.

<b>Hex(DA4C96)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(DA4C96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA4C96
RGB	218, 76, 150
RGB Percent	85%, 30%, 59%
CMY	0.1451, 0.7020, 0.4118
CMYK	0.00, 0.65, 0.31, 0.15
HSL	329°, 66%, 58%
HSV	329°, 65%, 85%
XYZ	37.0029, 22.2763, 31.2037
YIQ	126.8940, 60.8780, 53.1180

# Conversions

## Conversions Part 2

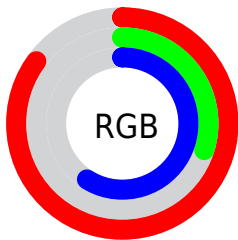
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">218, 76, 150</a>
Decimal	<a href="#">14306454</a>
CIELab	<a href="#">54.32, 61.99, -10.62</a>
CIElCh	<a href="#">54, 62.896, 350.279</a>
Yxy	<a href="#">22.2763, 0.4089, 0.2462</a>
Android (android.graphics.Color)	<a href="#">4292496534 (0xFFDA4C96)</a>
YUV	<a href="#">126.8940, 11.3913, 79.9000</a>
Hunter-Lab	<a href="#">47.1978, 57.3472, -6.1597</a>

# Details

The Hex color **DA4C96** 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 **4CDA90**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF85CC**, and **9F0063** is the 20% darker color. If you saturate the color by 10%, you get **DA368C**, and if you desaturate by 10%, it is **DA62A0**.

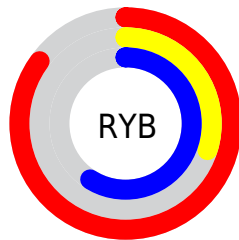
# Distribution



Red (85%)

Green (30%)

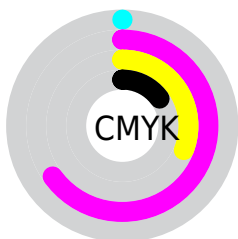
Blue (59%)



Red (85%)

Yellow (30%)

Blue (59%)

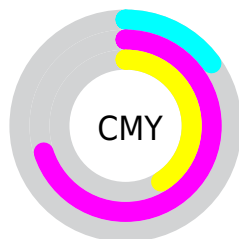


Cyan (0%)

Magenta (65%)

Yellow (31%)

Black (15%)



Cyan (15%)

Magenta (70%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA4C96 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 DA4C96 by changing the saturation by 10% instead.



 DA4C96

 DA4C96

FFFFFF

 BC2D7C

 FF85CC

 9F0063

 FFA1E8

 82004B

 FFBEFF

 660035

 FFDBFF

 4A0020

 FFF9FF

 300004

 000000

 DA4C96

 DA4C96

 DA368C

 DA62A0

 DA2081

 DA78AB

 DA0B77

 DA8DB5

 DA0072

 DAA3C0

 DAB9CA

 DACFD5

 DAE5DF

 DAFAEA

 DAFFF4

# Harmonies

## Analogous

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



B162C8



DA4C96



E24D60

# Triad

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



DA4C96



798A00



0097D5

# Complementary

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



DA4C96



4CDA90

# 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.



009BA6



DA4C96



2F9537

# Square

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



DA4C96



AA7900



009A6E



008DED

# Rectangle

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



DA4C96



D85A3E



009A6E



0099C7



# Sweetspot

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



DA4C96



FFCCE7



8E4CDA



806171



000000



808080



# Same Dimension

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



DA4C96



FF38A0



DA4C51



6E6368



AD005A



2E0018



# Inverse Universe

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



DA4C96



FF38A0



4CDAD5



6E6368



AD005A



2E0018



# Previews

## White Background



This preview shows how the Hex color DA4C96 looks on a white background.

## Color Contrast Check

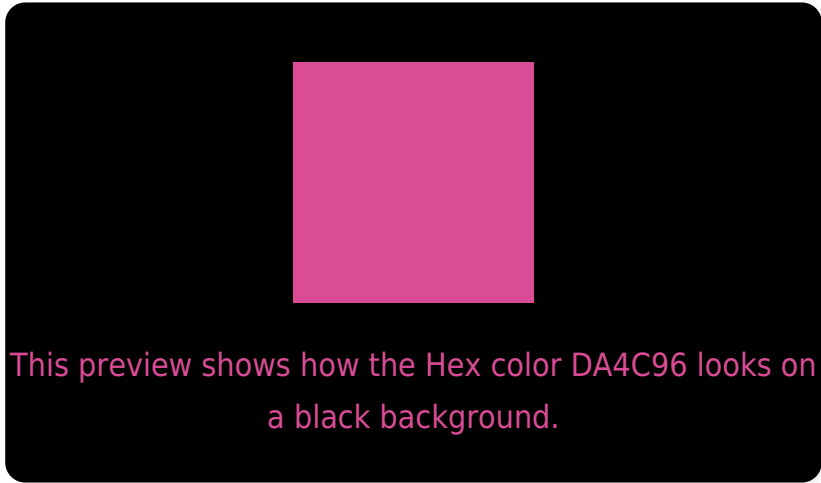
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA4C96 Background



This preview shows how black text looks on a background with the Hex color DA4C96.

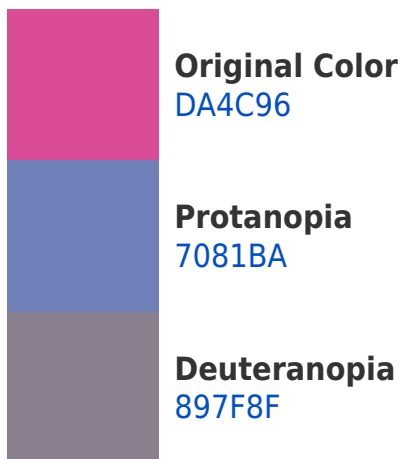



This preview shows how white text looks on a background with the Hex color DA4C96.

# 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](#).

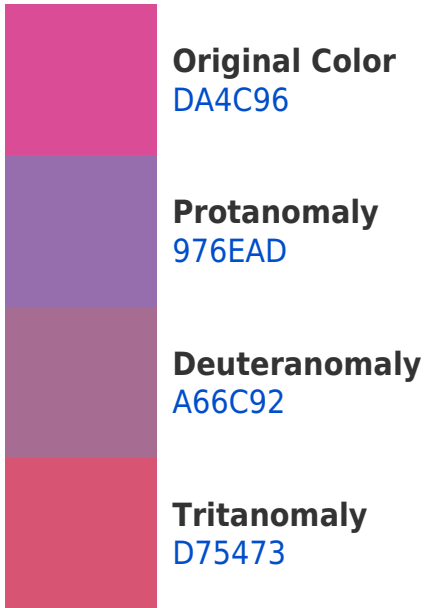
## Dichromacy



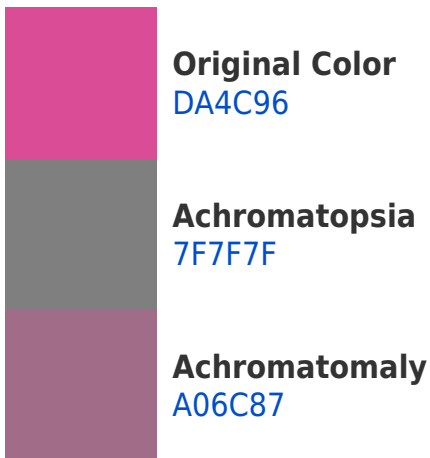


**Tritanopia**  
D6595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA4C96 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 #DA4C96 looks like.

```
.text, #text, p{  
    color:#DA4C96  
}
```

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 #DA4C96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA4C96
}
```

## Border

The CSS property to change the border of an element to Hex DA4C96 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
#DA4C96 }
```

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

```
.border{ border-color:#DA4C96 }
```

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

Here you see how a box with a 4 pixel #DA4C96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA4C96; -webkit-box-shadow:4px 4px  
4px 4px #DA4C96; box-shadow:4px 4px 4px  
4px #DA4C96 }
```

# Background

The CSS property to change the background color of an element to Hex DA4C96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA4C96 }
```

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

```
.background{ background-color:#DA4C96 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor