

# Converting Colors

Hex(DA1699)

Have a look what the booklet for  
Hex(DA1699) contains.

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**Color**

**Hex(DA1699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA1699
RGB	218, 22, 153
RGB Percent	85%, 9%, 60%
CMY	0.1451, 0.9137, 0.4000
CMYK	0.00, 0.90, 0.30, 0.15
HSL	320°, 82%, 47%
HSV	320°, 90%, 85%
XYZ	34.9501, 17.7792, 31.7266
YIQ	95.5380, 74.7650, 82.2930

# Conversions

## Conversions Part 2

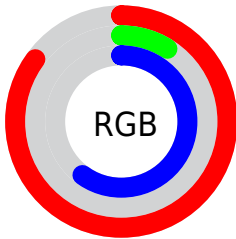
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">218, 22, 153</a>
Decimal	<a href="#">14292633</a>
CIELab	<a href="#">49.23, 77.06, -20.13</a>
CIElCh	<a href="#">49, 79.647, 345.359</a>
Yxy	<a href="#">17.7792, 0.4138, 0.2105</a>
Android (android.graphics.Color)	<a href="#">4292482713 (0xFFDA1699)</a>
YUV	<a href="#">95.5380, 28.3288, 107.3992</a>
Hunter-Lab	<a href="#">42.1653, 74.1663, -15.0961</a>

# Details

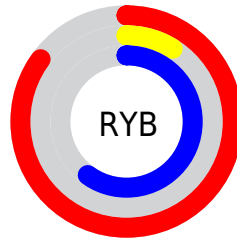
The Hex color **DA1699** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **16DA57**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63CF**, and **9E0066** is the 20% darker color. If you saturate the color by 10%, you get **DA0092**, and if you desaturate by 10%, it is **DA2CA0**.

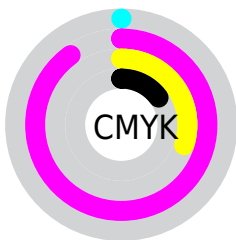
# Distribution



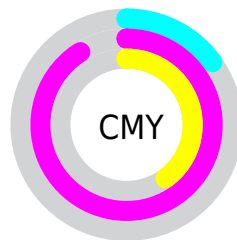
- Red (85%)
- Green (9%)
- Blue (60%)



- Red (85%)
- Yellow (9%)
- Blue (60%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (91%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA1699 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 DA1699 by changing the saturation by 10% instead.



 DA1699

 DA1699

FFFFFF

 BC007F

 FF63CF

 9E0066

 FF81EC

 80004E

 FF9FFF

 630037

 FFBDFE

 480021

 FFDBFF

 2B0005

 FFF9FF

 000000

 DA1699

 DA1699

 DA0092

 DA2CA0

 DA42A7

 DA57AF

 DA6DB6

 DA83BD

 DA99C4

 DAAFCC

 DAC4D3

 DADADA

# Harmonies

## Analogous

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



A04ED5



DA1699



E80056

# Triad

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



DA1699



6E7D00



008FD5

# Complementary

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



DA1699



16DA57

# 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.



009197



DA1699



008900

# Square

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



DA1699



A96600



008F50



0087F9

# Rectangle

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



DA1699



DE302A



008F50



0091C2



# Sweetspot

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



DA1699



FFBAE8



5416DA



805772



000000



808080



# Same Dimension

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



DA1699



FF00AA



DA163A



6E636A



AD0074



2E001F



# Inverse Universe

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



DA1699



FF00AA



16DAB6



6E636A



AD0074



2E001F



# Previews

## White Background



This preview shows how the Hex color DA1699 looks on a white background.

## Color Contrast Check

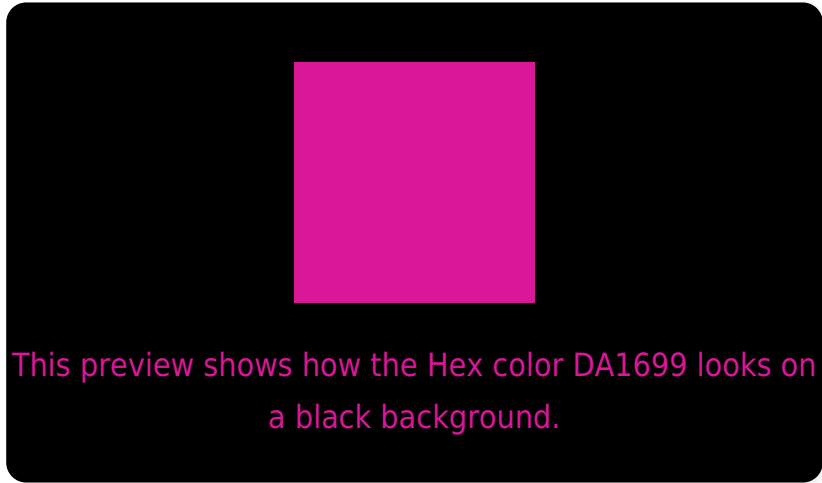
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 DA1699 Background



This preview shows how black text looks on a background with the Hex color DA1699.

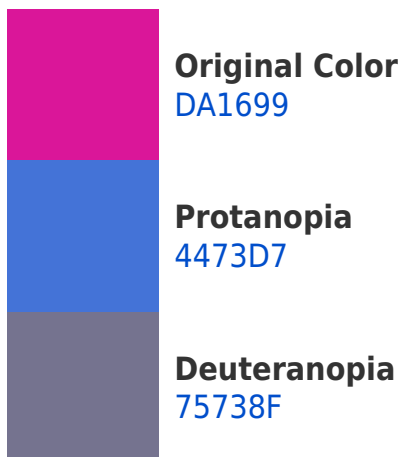


This preview shows how white text looks on a background with the Hex color DA1699.

# 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**  
D43F42

# Trichromacy



**Original Color**  
DA1699



**Protanomaly**  
7B51C0



**Deuteranomaly**  
9A5193



**Tritanomaly**  
D63062

# Monochromacy



**Original Color**  
DA1699



**Achromatopsia**  
606060



**Achromatomaly**  
8C4575

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA1699 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 #DA1699 looks like.

```
.text, #text, p{  
    color:#DA1699  
}
```

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 #DA1699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA1699
}
```

## Border

The CSS property to change the border of an element to Hex DA1699 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
#DA1699 }
```

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

```
.border{ border-color:#DA1699 }
```

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

Here you see how a box with a 4 pixel #DA1699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA1699; -webkit-box-shadow:4px 4px  
4px 4px #DA1699; box-shadow:4px 4px 4px  
4px #DA1699 }
```

# Background

The CSS property to change the background color of an element to Hex DA1699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA1699 }
```

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

```
.background{ background-color:#DA1699 }
```

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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