

# Converting Colors

Hex(DE79C2)

Have a look what the booklet for  
Hex(DE79C2) contains.

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# Color

Hex(DE79C2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE79C2
RGB	222, 121, 194
RGB Percent	87%, 47%, 76%
CMY	0.1294, 0.5255, 0.2392
CMYK	0.00, 0.45, 0.13, 0.13
HSL	317°, 60%, 67%
HSV	317°, 45%, 87%
XYZ	46.6992, 33.0994, 54.9664
YIQ	159.5210, 36.7630, 44.1150

# Conversions

## Conversions Part 2

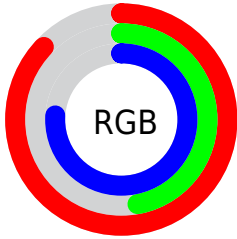
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 121, 194
Decimal	14580162
CIE Lab	64.24, 48.67, -20.90
CIE LCh	64, 52.973, 336.761
Yxy	33.0994, 0.3465, 0.2456
Android (android.graphics.Color)	4292770242 (0xFFDE79C2)
YUV	159.5210, 16.9981, 54.7941
Hunter-Lab	57.5321, 44.2086, -16.3735

# Details

The Hex color **DE79C2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79DE95**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB0FB**, and **A5448C** is the 20% darker color. If you saturate the color by 10%, you get **DE63BC**, and if you desaturate by 10%, it is **DE8FC8**.

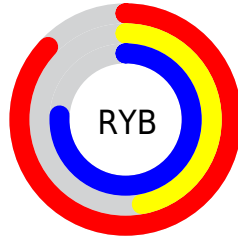
# Distribution



Red (87%)

Green (47%)

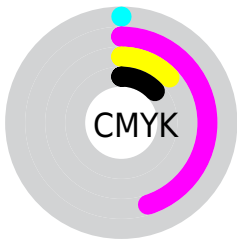
Blue (76%)



Red (87%)

Yellow (47%)

Blue (76%)

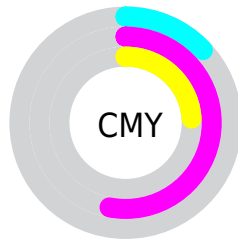


Cyan (0%)

Magenta (45%)

Yellow (13%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE79C2 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 DE79C2 by changing the saturation by 10% instead.



 DE79C2

 DE79C2

FFFFFF

 C15EA7

 FFB0FB

 A5448C

 FFCCFF

 892973

 FFE9FF

 6E065A

 540042

 3A002C

 210017

 000000

 DE79C2

 DE79C2

 DE63BC

 DE8FC8

 DE4DB6

 DEA5CE

 DE36B0

 DEBCD4

 DE20A9

 DED2DB

 DE0AA3

 DEE8E1

 DE00A0

 DEFEE7

 DEFFED

 DEFFF3

 DEFFF9

# Harmonies

## Analogous

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



AD8BE8



DE79C2



F37293

# Triad

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



DE79C2



AC9D38



00B2D3

# Complementary

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



DE79C2



79DE95

# 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.



00B3A5



DE79C2



7AA94C

# Square

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



DE79C2



D48C44



2FB075



00ABF2

# Rectangle

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



DE79C2



F27674



2FB075



00B3C5



# Sweetspot

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



DE79C2



FFDBF5



9479DE



806A79



000000



808080



# Same Dimension

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



DE79C2



FF73D8



DE7991



70656D



B0007F



300023



# Inverse Universe

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



DE79C2



FF73D8



79DEC6



70656D



B0007F



300023



# Previews

## White Background



This preview shows how the Hex color DE79C2 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

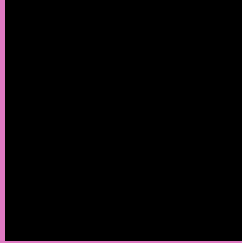
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE79C2 Background



This preview shows how black text looks on a background with the Hex color DE79C2.




This preview shows how white text looks on a background with the Hex color DE79C2.

# 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**  
D8848E

# Trichromacy



**Original Color**  
DE79C2



**Protanomaly**  
A88ED1



**Deuteranomaly**  
B38DBE

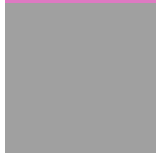


**Tritanomaly**  
DA80A1

# Monochromacy



**Original Color**  
DE79C2



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
B792AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE79C2 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 #DE79C2 looks like.

```
.text, #text, p{  
    color:#DE79C2  
}
```

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 #DE79C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE79C2
}
```

## Border

The CSS property to change the border of an element to Hex DE79C2 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
#DE79C2 }
```

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

```
.border{ border-color:#DE79C2 }
```

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

Here you see how a box with a 4 pixel #DE79C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE79C2; -webkit-box-shadow:4px 4px  
4px 4px #DE79C2; box-shadow:4px 4px 4px  
4px #DE79C2 }
```

# Background

The CSS property to change the background color of an element to Hex DE79C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE79C2 }
```

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

```
.background{ background-color:#DE79C2 }
```

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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