

# Converting Colors

Hex(D589A5)

Have a look what the booklet for  
Hex(D589A5) contains.

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# **Color**

**Hex(D589A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D589A5
RGB	213, 137, 165
RGB Percent	84%, 54%, 65%
CMY	0.1647, 0.4627, 0.3529
CMYK	0.00, 0.36, 0.23, 0.16
HSL	338°, 48%, 69%
HSV	338°, 36%, 84%
XYZ	43.1778, 34.7541, 40.0298
YIQ	162.9160, 36.3080, 24.8200

# Conversions

## Conversions Part 2

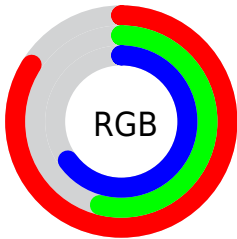
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 137, 165
Decimal	13994405
CIE Lab	65.56, 32.83, -2.66
CIE LCh	66, 32.935, 355.367
Yxy	34.7541, 0.3660, 0.2946
Android (android.graphics.Color)	4292184485 (0xFFD589A5)
YUV	162.9160, 1.0274, 43.9237
Hunter-Lab	58.9526, 27.5691, 1.0079

# Details

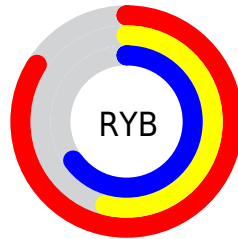
The Hex color **D589A5** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89D5B9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBFDC**, and **9D5671** is the 20% darker color. If you saturate the color by 10%, you get **D57498**, and if you desaturate by 10%, it is **D59EB2**.

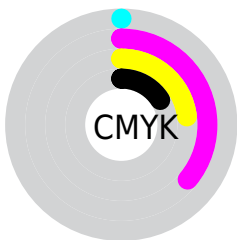
# Distribution



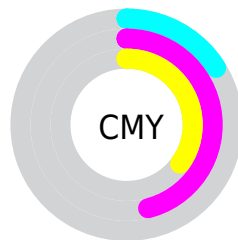
- Red (84%)
- Green (54%)
- Blue (65%)



- Red (84%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (46%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D589A5 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 D589A5 by changing the saturation by 10% instead.



 D589A5

 D589A5

FFFFFF

 B96F8B

 FFBFDC

 9D5671

 FFDBF8

 823D59

 FFF8FF

 672542

 4D0B2C

 350017

 1B0001

 000000

 D589A5

 D589A5

 D57498

 D59EB2

 D55E8A

 D5B4C0

 D5497D

 D5C9CD

 D5346F

 D5DEDB

 D51E62

 D5F4E8

 D50954

 D5FFF6

 D5004E

 D5FFFF

# Harmonies

## Analogous

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



C08FC1



D589A5



D98A87

# Triad

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



D589A5



99A569



42ABCF

# Complementary

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



D589A5



89D5B9

# 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.



35AFB7



D589A5



77AC7D

# Square

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



D589A5



B79C64



52AF99



6FA3DA

# Rectangle

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



D589A5



D38F77



52AF99



37ADC8



# Sweetspot

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



D589A5



FFE3ED



B889D5



806F75



000000



808080



# Same Dimension

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



D589A5



FF91BA



D59289



6B6064



AB003F



2B0010



# Inverse Universe

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



D589A5



FF91BA



89CCD5



6B6064



AB003F

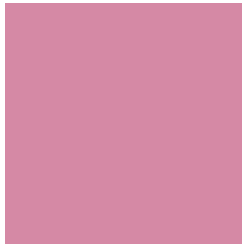


2B0010



# Previews

## White Background



This preview shows how the Hex color D589A5 looks on a white background.

## Color Contrast Check

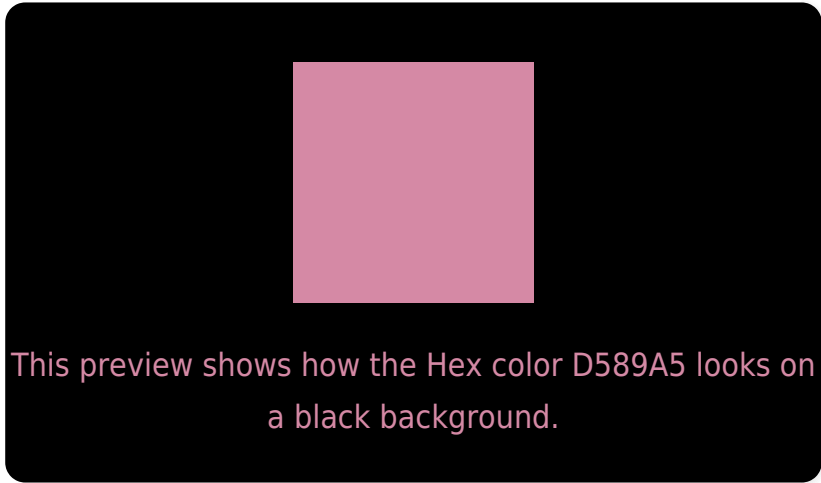
Large Text (above 18pt) WCAG AA × Fail

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 D589A5 Background



This preview shows how black text looks on a background with the Hex color D589A5.



This preview shows how white text looks on a background with the Hex color D589A5.

# 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



**Original Color**  
D589A5

**Protanopia**  
9D9EB2

**Deuteranopia**  
AE9BA2



**Tritanopia**  
D38C96

# Trichromacy



**Original Color**  
D589A5



**Protanomaly**  
B196AD



**Deuteranomaly**  
BC94A3



**Tritanomaly**  
D48B9B

# Monochromacy



**Original Color**  
D589A5



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
B59AA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D589A5 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 #D589A5 looks like.

```
.text, #text, p{  
    color:#D589A5  
}
```

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 #D589A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D589A5
}
```

## Border

The CSS property to change the border of an element to Hex D589A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

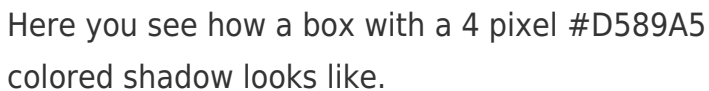
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D589A5 }
```

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

```
.border{ border-color:#D589A5 }
```

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



Here you see how a box with a 4 pixel #D589A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D589A5; -webkit-box-shadow:4px 4px  
4px 4px #D589A5; box-shadow:4px 4px 4px  
4px #D589A5 }
```

# Background

The CSS property to change the background color of an element to Hex D589A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D589A5 }
```

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

```
.background{ background-color:#D589A5 }
```

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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