

# Converting Colors

Hex(D168A5)

Have a look what the booklet for  
Hex(D168A5) contains.

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**Color**

**Hex(D168A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D168A5
RGB	209, 104, 165
RGB Percent	82%, 41%, 65%
CMY	0.1804, 0.5922, 0.3529
CMYK	0.00, 0.50, 0.21, 0.18
HSL	325°, 53%, 61%
HSV	325°, 50%, 82%
XYZ	38.0363, 26.1726, 38.6444
YIQ	142.3490, 42.9990, 41.2310

# Conversions

## Conversions Part 2

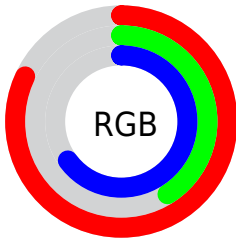
Format	Color
<a href="#">RYB</a>	<a href="#">209, 104, 165</a>
Decimal	<a href="#">13723813</a>
CIELab	<a href="#">58.20, 48.63, -13.67</a>
CIELCh	<a href="#">58, 50.515, 344.298</a>
Yxy	<a href="#">26.1726, 0.3698, 0.2545</a>
Android (android.graphics.Color)	<a href="#">4291913893 (0xFFD168A5)</a>
YUV	<a href="#">142.3490, 11.1669, 58.4529</a>
Hunter-Lab	<a href="#">51.1591, 43.1847, -8.9749</a>

# Details

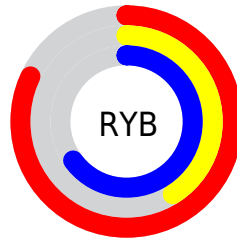
The Hex color **D168A5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68D194**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9EDC**, and **983371** is the 20% darker color. If you saturate the color by 10%, you get **D1539C**, and if you desaturate by 10%, it is **D17DAE**.

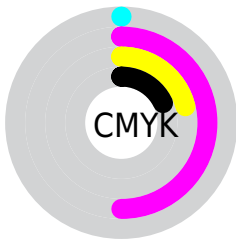
# Distribution



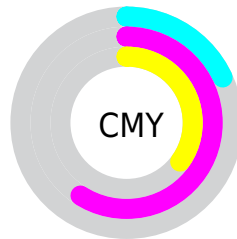
- Red (82%)
- Green (41%)
- Blue (65%)



- Red (82%)
- Yellow (41%)
- Blue (65%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (18%)



- Cyan (18%)
- Magenta (59%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D168A5 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 D168A5 by changing the saturation by 10% instead.



 D168A5

 D168A5

FFFFFF

 B44D8B

 FF9EDC

 983371

 FFBAF9

 7C1459

 FFD7FF

 610041

 FFF4FF

 47002B

 2F0017

 000000

 D168A5

 D168A5

 D1539C

 D17DAE

 D13E93

 D192B7

 D1298B

 D1A7BF

 D11482

 D1BCC8

 D10079

 D1D1D1

 D1E5DA

 D1FAE2

 D1FFEB

 D1FFF4

# Harmonies

## Analogous

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



AA77CC



D168A5



DE6578

# Triad

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



D168A5



909030



009FC9

# Complementary

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



D168A5



68D194

# 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.



00A2A0



D168A5



5E9B4A

# Square

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



D168A5



B88134



00A072



0097E1

# Rectangle

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



D168A5



D96B5C



00A072



00A1BD



# Sweetspot

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



D168A5



FFD9EF



9468D1



806976



000000



808080



# Same Dimension

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



D168A5



FF66BF



D16871



695E64



A80062



290018



# Inverse Universe

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



D168A5



FF66BF



68D1C8



695E64



A80062



290018



# Previews

## White Background



This preview shows how the Hex color D168A5 looks on a white background.

## Color Contrast Check

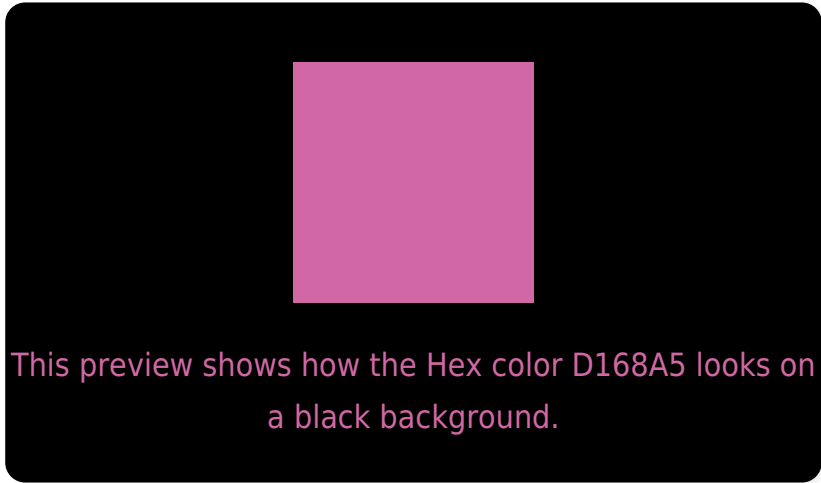
Large Text (above 18pt) WCAG AA ✓ Pass

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 D168A5 Background



This preview shows how black text looks on a background with the Hex color D168A5.

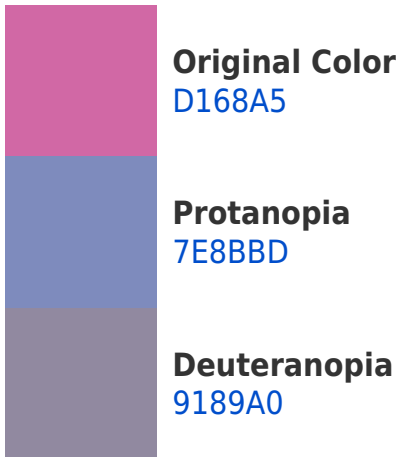


This preview shows how white text looks on a background with the Hex color D168A5.

# 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





# Trichromacy



**Original Color**  
D168A5



**Protanomaly**  
9C7EB4



**Deuteranomaly**  
A87DA2

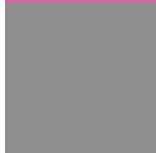


**Tritanomaly**  
CE6E89

# Monochromacy



**Original Color**  
D168A5



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
A68096

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D168A5 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 #D168A5 looks like.

```
.text, #text, p{  
    color:#D168A5  
}
```

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 #D168A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D168A5
}
```

## Border

The CSS property to change the border of an element to Hex D168A5 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
#D168A5 }
```

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

```
.border{ border-color:#D168A5 }
```

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

Here you see how a box with a 4 pixel #D168A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D168A5; -webkit-box-shadow:4px 4px  
4px 4px #D168A5; box-shadow:4px 4px 4px  
4px #D168A5 }
```

# Background

The CSS property to change the background color of an element to Hex D168A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D168A5 }
```

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

```
.background{ background-color:#D168A5 }
```

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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