

# Converting Colors

Hex(D595D3)

Have a look what the booklet for  
Hex(D595D3) contains.

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**Color**

**Hex(D595D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D595D3
RGB	213, 149, 211
RGB Percent	84%, 58%, 83%
CMY	0.1647, 0.4157, 0.1725
CMYK	0.00, 0.30, 0.01, 0.16
HSL	302°, 43%, 71%
HSV	302°, 30%, 84%
XYZ	49.9459, 40.3442, 66.7828
YIQ	175.2040, 18.2420, 32.8500

# Conversions

## Conversions Part 2

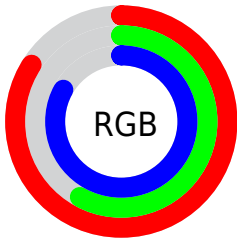
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">213, 149, 211</a>
Decimal	<a href="#">13997523</a>
CIELab	<a href="#">69.71, 34.02, -22.15</a>
CIElCh	<a href="#">70, 40.597, 326.942</a>
Yxy	<a href="#">40.3442, 0.3180, 0.2569</a>
Android (android.graphics.Color)	<a href="#">4292187603 (0xFFD595D3)</a>
YUV	<a href="#">175.2040, 17.6474, 33.1471</a>
Hunter-Lab	<a href="#">63.5171, 29.2065, -17.8764</a>

# Details

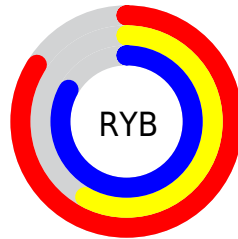
The Hex color **D595D3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95D597**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCCFF**, and **9D619C** is the 20% darker color. If you saturate the color by 10%, you get **D580D2**, and if you desaturate by 10%, it is **D5AAD4**.

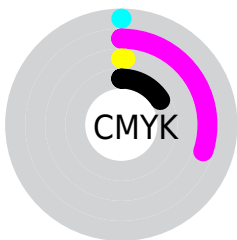
# Distribution



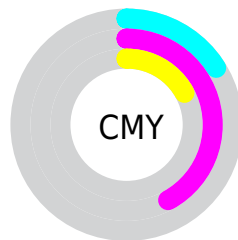
- Red (84%)
- Green (58%)
- Blue (83%)



- Red (84%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D595D3 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 D595D3 by changing the saturation by 10% instead.



 D595D3

 D595D3

FFFFFF

 B97BB7

 FFCCFF

 9D619C

 FFE8FF

 834882

 693069

 4F1851

 370039

 240024

 00000B

 000000

 D595D3

 D595D3

 D580D2

 D5AAD4

 D56AD2

 D5C0D4

 D555D1

 D5D5D5

 D540D0

 D5EAD6

 D52AD0

 D5FFD6

 D515CF

 D5FFD7

 D500CE

 D5FFD8

 D5FFD9

# Harmonies

## Analogous

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



A9A2EC



D595D3



ED8DB0

# Triad

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



D595D3



C5A760



00BDCA

# Complementary

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



D595D3



95D597

# 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.



3DBEA5



D595D3



A0B267

# Square

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



D595D3



E29A6E



74BA81



0EB8E7

# Rectangle

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



D595D3



F28E97



74BA81



00BEBF



# Sweetspot

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



D595D3



FFE8FE



9695D5



80717F



000000



808080



# Same Dimension

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



D595D3



FFA3FC



D595B4



6B606B



AB00A6



2B002A



# Inverse Universe

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



D595D3



FFA3FC



95D5B6



6B606B



AB00A6

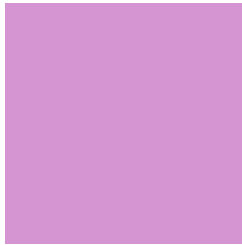


2B002A



# Previews

## White Background



This preview shows how the Hex color D595D3 looks on a white background.

## Color Contrast Check

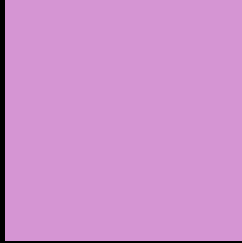
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D595D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

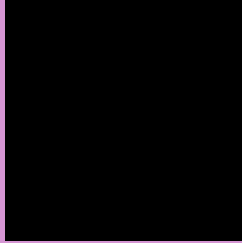
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D595D3 Background



This preview shows how black text looks on a background with the Hex color D595D3.

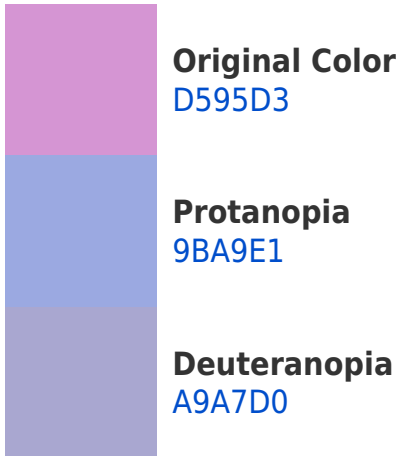


This preview shows how white text looks on a background with the Hex color D595D3.

# 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**  
CF9DA9

# Trichromacy



**Original Color**  
D595D3



**Protanomaly**  
B0A2DC



**Deuteranomaly**  
B9A0D1

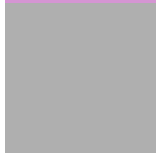


**Tritanomaly**  
D19AB8

# Monochromacy



**Original Color**  
D595D3



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
BDA6BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D595D3 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 #D595D3 looks like.

```
.text, #text, p{  
    color:#D595D3  
}
```

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 #D595D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D595D3
}
```

## Border

The CSS property to change the border of an element to Hex D595D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

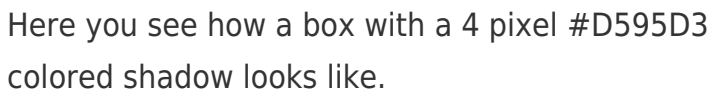
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D595D3 }
```

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

```
.border{ border-color:#D595D3 }
```

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



Here you see how a box with a 4 pixel `#D595D3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D595D3; -webkit-box-shadow:4px 4px  
4px 4px #D595D3; box-shadow:4px 4px 4px  
4px #D595D3 }
```

# Background

The CSS property to change the background color of an element to Hex D595D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D595D3 }
```

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

```
.background{ background-color:#D595D3 }
```

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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