

# Converting Colors

Hex(D540AA)

Have a look what the booklet for  
Hex(D540AA) contains.

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# Color

**Hex(D540AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D540AA
RGB	213, 64, 170
RGB Percent	84%, 25%, 67%
CMY	0.1647, 0.7490, 0.3333
CMYK	0.00, 0.70, 0.20, 0.16
HSL	317°, 64%, 54%
HSV	317°, 70%, 84%
XYZ	36.5297, 20.7152, 40.1033
YIQ	120.6350, 54.7780, 64.5540

# Conversions

## Conversions Part 2

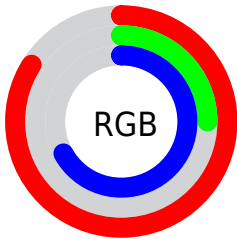
Format	Color
R <sub>Y</sub> B	213, 64, 170
Decimal	13975722
CIE Lab	52.64, 67.68, -25.02
CIE LCh	53, 72.161, 339.709
Yxy	20.7152, 0.3752, 0.2128
Android (android.graphics.Color)	4292165802 (0xFFD540AA)
YUV	120.6350, 24.3369, 81.0041
Hunter-Lab	45.5140, 63.6153, -20.3819

# Details

The Hex color **D540AA** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **40D56B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7BE2**, and **9A0076** is the 20% darker color. If you saturate the color by 10%, you get **D52BA4**, and if you desaturate by 10%, it is **D555B0**.

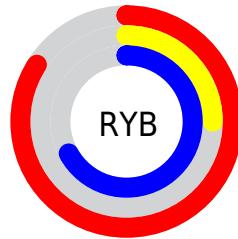
# Distribution



Red (84%)

Green (25%)

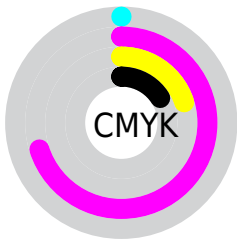
Blue (67%)



Red (84%)

Yellow (25%)

Blue (67%)

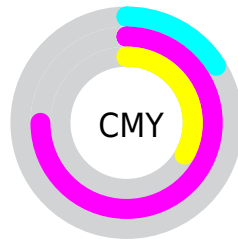


Cyan (0%)

Magenta (70%)

Yellow (20%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D540AA 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 D540AA by changing the saturation by 10% instead.



 D540AA

 D540AA

FFFFFF

 B71B8F

 FF7BE2

 9A0076

 FF98FE

 7E005D

 FFB5FF

 620045

 FFD2FF

 47002E

 FFF0FF

 2B0019

 000000

 D540AA

 D540AA

 D52BA4

 D555B0

 D5159E

 D56BB6

 D50098

 D580BC

 D595C3

 D5ABC9

 D5C0CF

 D5D5D5

 D5EADB

 D5FFE1

# Harmonies

## Analogous

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



9763DE



D540AA



E9316C

# Triad

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



D540AA



868100



0097CC

# Complementary

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



D540AA



40D56B

# 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.



009991



D540AA



3E8F00

# Square

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



D540AA



B96B00



009650



0090F3

# Rectangle

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



D540AA



E44144



009650



0098BA



# Sweetspot

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



D540AA



FFC9F0



6A40D5



806076



000000



808080



# Same Dimension

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



D540AA



FF29C1



D54060



6B6068



AB007A



2B001F



# Inverse Universe

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



D540AA



FF29C1



40D5B5



6B6068



AB007A



2B001F



# Previews

## White Background



This preview shows how the Hex color D540AA looks on a white background.

## Color Contrast Check

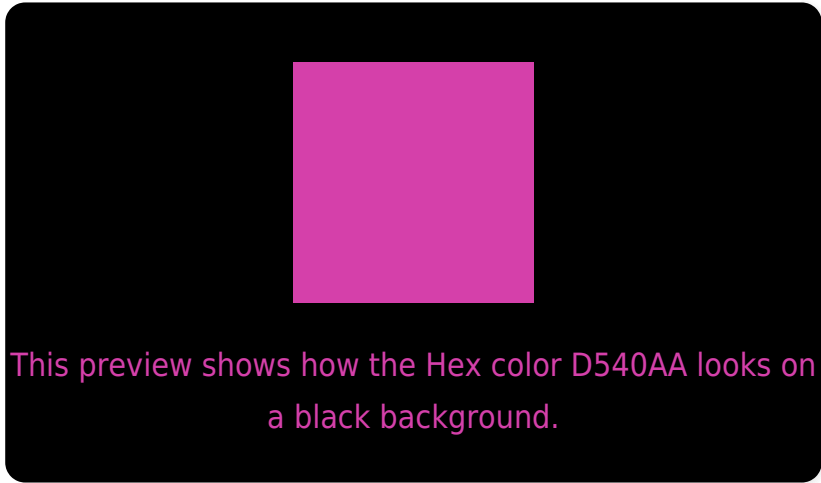
Large Text (above 18pt) WCAG AA ✓ Pass

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 D540AA Background



This preview shows how black text looks on a background with the Hex color D540AA.

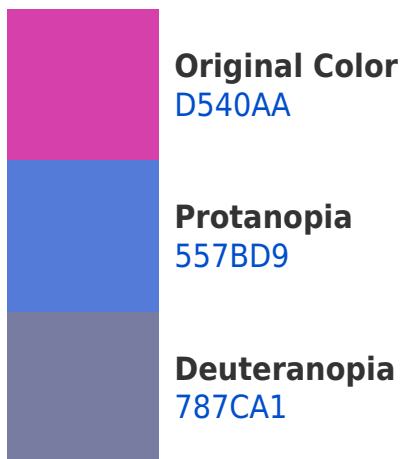


This preview shows how white text looks on a background with the Hex color D540AA.

# 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**  
D540AA



**Protanomaly**  
8466C8



**Deuteranomaly**  
9A66A4

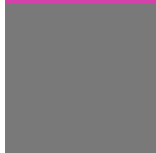


**Tritanomaly**  
D14F78

# Monochromacy



**Original Color**  
D540AA



**Achromatopsia**  
797979



**Achromatomaly**  
9A648B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D540AA 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 #D540AA looks like.

```
.text, #text, p{  
  color:#D540AA  
}
```

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 #D540AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D540AA
}
```

## Border

The CSS property to change the border of an element to Hex D540AA 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
#D540AA }
```

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

```
.border{ border-color:#D540AA }
```

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

Here you see how a box with a 4 pixel #D540AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D540AA; -webkit-box-shadow:4px 4px  
4px 4px #D540AA; box-shadow:4px 4px 4px  
4px #D540AA }
```

# Background

The CSS property to change the background color of an element to Hex D540AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D540AA }
```

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

```
.background{ background-color:#D540AA }
```

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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