

# Converting Colors

Hex(D52BB3)

Have a look what the booklet for  
Hex(D52BB3) contains.

<b>Hex(D52BB3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D52BB3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D52BB3
RGB	213, 43, 179
RGB Percent	84%, 17%, 70%
CMY	0.1647, 0.8314, 0.2980
CMYK	0.00, 0.80, 0.16, 0.16
HSL	312°, 67%, 50%
HSV	312°, 80%, 84%
XYZ	36.4411, 19.1286, 44.4193
YIQ	109.3340, 57.6640, 78.3360

# Conversions

## Conversions Part 2

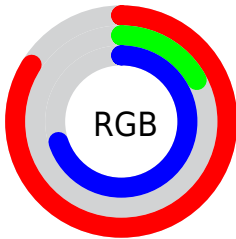
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 43, 179
Decimal	13970355
CIE Lab	50.84, 75.14, -33.10
CIE LCh	51, 82.109, 336.230
Yxy	19.1286, 0.3645, 0.1913
Android (android.graphics.Color)	4292160435 (0xFFD52BB3)
YUV	109.3340, 34.3453, 90.9151
Hunter-Lab	43.7362, 72.1883, -29.6007

# Details

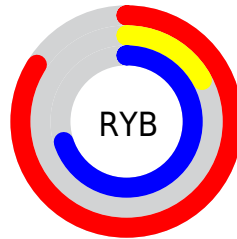
The Hex color **D52BB3** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2BD54D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6DEB**, and **9A007E** is the 20% darker color. If you saturate the color by 10%, you get **D516AF**, and if you desaturate by 10%, it is **D540B7**.

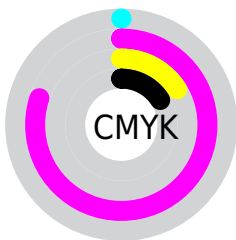
# Distribution



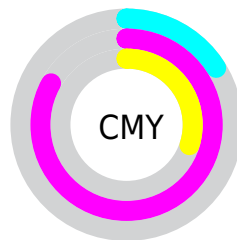
- Red (84%)
- Green (17%)
- Blue (70%)



- Red (84%)
- Yellow (17%)
- Blue (70%)



- Cyan (0%)
- Magenta (80%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (83%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D52BB3 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 D52BB3 by changing the saturation by 10% instead.



 D52BB3

 D52BB3

FFFFFF

 B70098

 FF6DEB

 9A007E

 FF8BFF

 7D0064

 FFA8FF

 61004C

 FFC5FF

 460035

 FFE3FF

 29001F

 000000

 D52BB3

 D52BB3

 D516AF

 D540B7

 D500AA

 D556BC

 D56BC0

 D580C4

 D595C8

 D5ABCD

 D5C0D1

 D5D5D5

 D5EBD9

# Harmonies

## Analogous

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



865EEC



D52BB3



F0006E

# Triad

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



D52BB3



867B00



0096CB

# Complementary

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



D52BB3



2BD54D

# 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.



009686



D52BB3



368B00

# Square

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



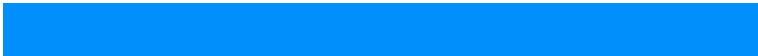
D52BB3



BF5F00



00933C



008FFB

# Rectangle

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



D52BB3



EC1E40



00933C



0096B6



# Sweetspot

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



D52BB3



FFC2F3



4D2BD5



805B78



000000



808080



# Same Dimension

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



D52BB3



FF0ACE



D52B5E



6B6069



AB0089



2B0023



# Inverse Universe

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



D52BB3



FF0ACE



2BD5A2



6B6069



AB0089



2B0023



# Previews

## White Background



This preview shows how the Hex color D52BB3 looks on a white background.

## Color Contrast Check

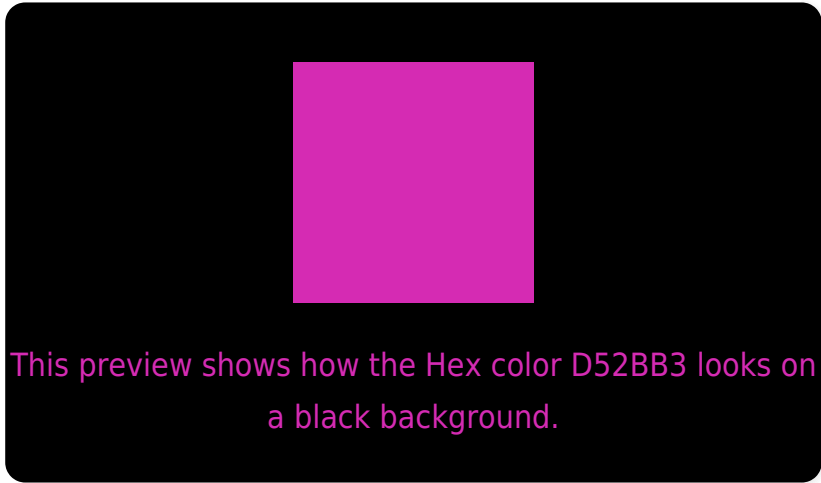
Large Text (above 18pt) WCAG AA ✓ Pass

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 D52BB3 Background



This preview shows how black text looks on a background with the Hex color D52BB3.

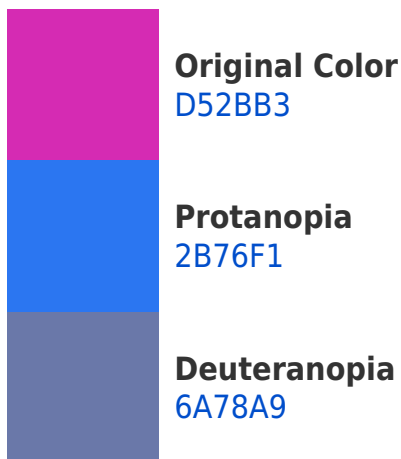


This preview shows how white text looks on a background with the Hex color D52BB3.

# 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**  
D52BB3



**Protanomaly**  
695BDA



**Deuteranomaly**  
915CAD



**Tritanomaly**  
CF4277

# Monochromacy



**Original Color**  
D52BB3



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
935586

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D52BB3 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 #D52BB3 looks like.

```
.text, #text, p{  
    color:#D52BB3  
}
```

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 #D52BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52BB3
}
```

## Border

The CSS property to change the border of an element to Hex D52BB3 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
#D52BB3 }
```

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

```
.border{ border-color:#D52BB3 }
```

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

Here you see how a box with a 4 pixel #D52BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52BB3; -webkit-box-shadow:4px 4px  
4px 4px #D52BB3; box-shadow:4px 4px 4px  
4px #D52BB3 }
```

# Background

The CSS property to change the background color of an element to Hex D52BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52BB3 }
```

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

```
.background{ background-color:#D52BB3 }
```

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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