

# Converting Colors

Hex(D523B3)

Have a look what the booklet for  
Hex(D523B3) contains.

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# Color

**Hex(D523B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D523B3
RGB	213, 35, 179
RGB Percent	84%, 14%, 70%
CMY	0.1647, 0.8627, 0.2980
CMYK	0.00, 0.84, 0.16, 0.16
HSL	311°, 72%, 49%
HSV	311°, 84%, 84%
XYZ	36.1783, 18.6029, 44.3317
YIQ	104.6380, 59.8640, 82.5200

# Conversions

## Conversions Part 2

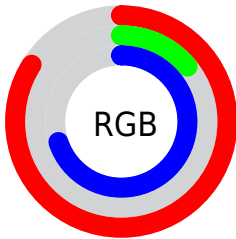
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 35, 179
Decimal	13968307
CIE Lab	50.22, 76.93, -34.06
CIE LCh	50, 84.135, 336.118
Yxy	18.6029, 0.3650, 0.1877
Android (android.graphics.Color)	4292158387 (0xFFD523B3)
YUV	104.6380, 36.6605, 95.0335
Hunter-Lab	43.1310, 74.2463, -30.7488

# Details

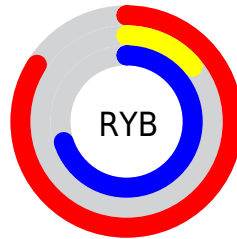
The Hex color **D523B3** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **23D545**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF68EB**, and **9A007E** is the 20% darker color. If you saturate the color by 10%, you get **D50EAF**, and if you desaturate by 10%, it is **D538B7**.

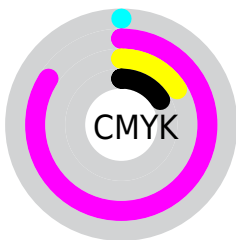
# Distribution



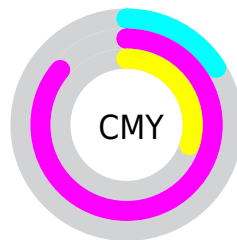
- Red (84%)
- Green (14%)
- Blue (70%)



- Red (84%)
- Yellow (14%)
- Blue (70%)



- Cyan (0%)
- Magenta (84%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (86%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D523B3 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 D523B3 by changing the saturation by 10% instead.



 D523B3

 D523B3

FFFFFF

 B70098

 FF68EB

 9A007E

 FF86FF

 7D0064

 FFA4FF

 60004C

 FFC2FF

 460035

 FFE0FF

 28001F

FFFEFF

 000000

 D523B3

 D523B3

 D50EAF

 D538B7

 D500AC

 D54EBB

 D563BF

 D578C3

 D58EC7

 D5A3CB

 D5B8CF

 D5CDD4

 D5E3D8

# Harmonies

## Analogous

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



845CED



D523B3



F0006C

# Triad

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



D523B3



857A00



0094CB

# Complementary

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



D523B3



23D545

# 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.



009585



D523B3



318A00

# Square

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



D523B3



BE5D00



009138



008EFC

# Rectangle

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



D523B3



EC103E



009138



0095B5



# Sweetspot

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



D523B3



FFBFF3



4423D5



805978



000000



808080



# Same Dimension

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



D523B3



FF00CE



D5235B



6B6069



AB008A



2B0023



# Inverse Universe

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



D523B3



FF00CE



23D59D



6B6069



AB008A



2B0023



# Previews

## White Background



This preview shows how the Hex color D523B3 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 D523B3 Background



This preview shows how black text looks on a background with the Hex color D523B3.

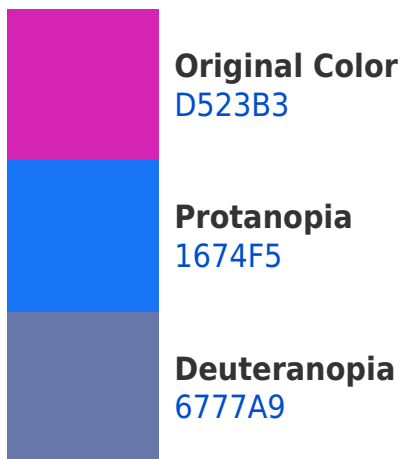


This preview shows how white text looks on a background with the Hex color D523B3.

# Color Blindness Simulation

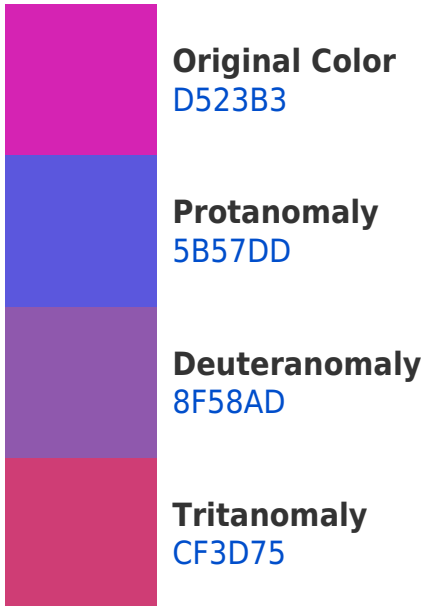
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

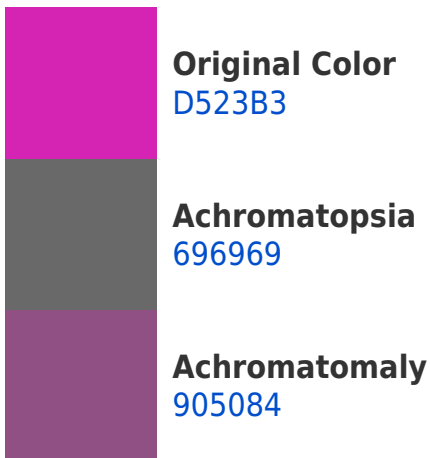




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D523B3 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 #D523B3 looks like.

```
.text, #text, p{  
    color:#D523B3  
}
```

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 #D523B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D523B3
}
```

## Border

The CSS property to change the border of an element to Hex D523B3 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
#D523B3 }
```

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

```
.border{ border-color:#D523B3 }
```

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

Here you see how a box with a 4 pixel #D523B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D523B3; -webkit-box-shadow:4px 4px  
4px 4px #D523B3; box-shadow:4px 4px 4px  
4px #D523B3 }
```

# Background

The CSS property to change the background color of an element to Hex D523B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D523B3 }
```

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

```
.background{ background-color:#D523B3 }
```

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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