

# Converting Colors

Hex(D45BC3)

Have a look what the booklet for  
Hex(D45BC3) contains.

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# Color

**Hex(D45BC3)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D45BC3
RGB	212, 91, 195
RGB Percent	83%, 36%, 76%
CMY	0.1686, 0.6431, 0.2353
CMYK	0.00, 0.57, 0.08, 0.17
HSL	308°, 58%, 59%
HSV	308°, 57%, 83%
XYZ	40.7428, 25.4194, 54.3888
YIQ	139.0350, 38.7320, 57.9960

# Conversions

## Conversions Part 2

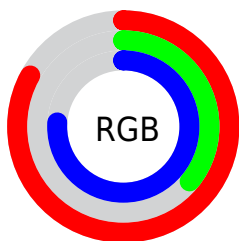
Format	Color
<a href="#">RYB</a>	<a href="#">212, 91, 195</a>
Decimal	<a href="#">13917123</a>
CIELab	<a href="#">57.48, 60.27, -32.00</a>
CIELCh	<a href="#">57, 68.235, 332.036</a>
Yxy	<a href="#">25.4194, 0.3380, 0.2109</a>
Android (android.graphics.Color)	<a href="#">4292107203</a> <a href="#">(0xFFD45BC3)</a>
YUV	<a href="#">139.0350, 27.5907, 63.9903</a>
Hunter-Lab	<a href="#">50.4176, 56.0162, -28.6677</a>

# Details

The Hex color **D45BC3** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5BD46C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF93FC**, and **9A1F8D** is the 20% darker color. If you saturate the color by 10%, you get **D446C0**, and if you desaturate by 10%, it is **D470C6**.

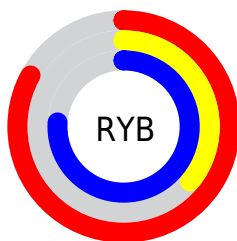
# Distribution



Red (83%)

Green (36%)

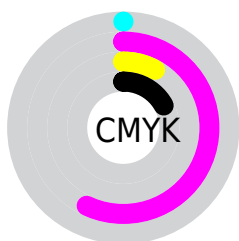
Blue (76%)



Red (83%)

Yellow (36%)

Blue (76%)

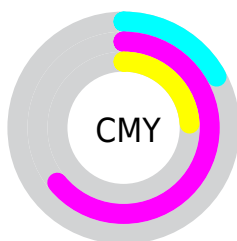


Cyan (0%)

Magenta (57%)

Yellow (8%)

Black (17%)



Cyan (17%)

Magenta (64%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D45BC3 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 D45BC3 by changing the saturation by 10% instead.



 D45BC3

FFFFFF

 FF93FC

 FFAFFF

 FFCCFF

 FFE9FF

 D45BC3

 B73FA8

 9A1F8D

 7E0073

 63005A

 480042

 30002C

 040016

 000000

 D45BC3

 D45BC3

 D446C0

 D470C6

 D431BD

 D485C9

 D41BBA

 D49BCC

 D406B7

 D4B0CF

 D400B6

 D4C5D2

 D4DAD5

 D4EFD8

 D4FFDB

 D4FFDE

# Harmonies

## Analogous

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



8D78F0



D45BC3



F24989

# Triad

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



D45BC3



A28900



00A4C8

# Complementary

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



D45BC3



5BD46C

# 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.



00A58D



D45BC3



65980E

# Square

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



D45BC3



D17116



00A14F



009EF3

# Rectangle

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



D45BC3



F24F61



00A14F



00A5B5



# Sweetspot

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



D45BC3



FFD4F9



6B5BD4



80667C



000000



808080



# Same Dimension

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



D45BC3



FF52E7



D45B87



6B606A



AB0093



2B0025



# Inverse Universe

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



D45BC3



FF52E7



5BD4A8



6B606A



AB0093

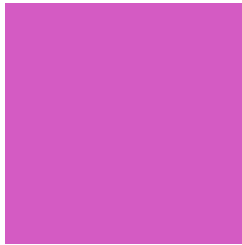


2B0025



# Previews

## White Background



This preview shows how the Hex color D45BC3 looks on a white background.

## Color Contrast Check

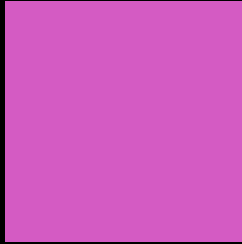
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color D45BC3 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 × Fail

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



## Hex D45BC3 Background



This preview shows how black text looks on a background with the Hex color D45BC3.



This preview shows how white text looks on a background with the Hex color D45BC3.

# 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



**Original Color**

D45BC3

**Protanopia**

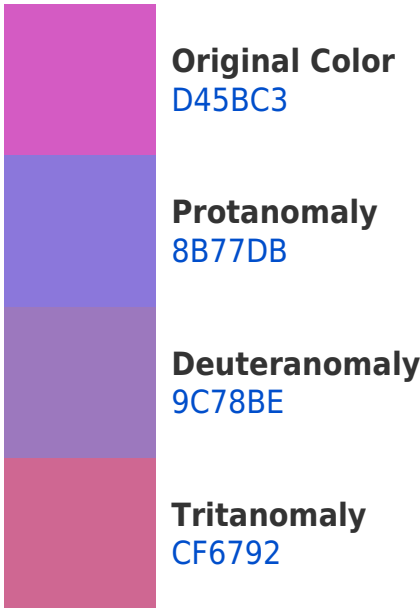
6287E8

**Deuteranopia**

7C89BB



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D45BC3 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 #D45BC3 looks like.

```
.text, #text, p{  
    color:#D45BC3  
}
```

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 #D45BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45BC3
}
```

## Border

The CSS property to change the border of an element to Hex D45BC3 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
#D45BC3 }
```

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

```
.border{ border-color:#D45BC3 }
```

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

Here you see how a box with a 4 pixel #D45BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45BC3; -webkit-box-shadow:4px 4px  
4px 4px #D45BC3; box-shadow:4px 4px 4px  
4px #D45BC3 }
```

# Background

The CSS property to change the background color of an element to Hex D45BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45BC3 }
```

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

```
.background{ background-color:#D45BC3 }
```

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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