

# Converting Colors

Hex(D165D1)

Have a look what the booklet for  
Hex(D165D1) contains.

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# Color

**Hex(D165D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D165D1
RGB	209, 101, 209
RGB Percent	82%, 40%, 82%
CMY	0.1804, 0.6039, 0.1804
CMYK	0.00, 0.52, 0.00, 0.18
HSL	300°, 54%, 61%
HSV	300°, 52%, 82%
XYZ	42.4568, 27.4661, 63.3854
YIQ	145.6040, 29.7000, 56.4840

# Conversions

## Conversions Part 2

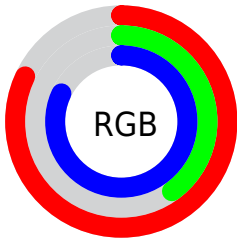
Format	Color
R <sub>Y</sub> B	209, 101, 209
Decimal	13723089
CIE Lab	59.40, 57.20, -36.99
CIE LCh	59, 68.118, 327.110
Yxy	27.4661, 0.3185, 0.2060
Android (android.graphics.Color)	4291913169 (0xFFD165D1)
YUV	145.6040, 31.2542, 55.5983
Hunter-Lab	52.4081, 52.8919, -35.0230

# Details

The Hex color **D165D1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **65D165**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9CFF**, and **982D9A** is the 20% darker color. If you saturate the color by 10%, you get **D150D1**, and if you desaturate by 10%, it is **D17AD1**.

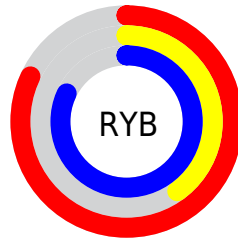
# Distribution



Red (82%)

Green (40%)

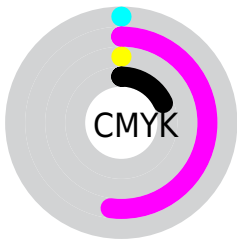
Blue (82%)



Red (82%)

Yellow (40%)

Blue (82%)

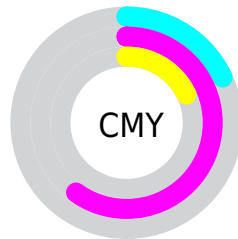


Cyan (0%)

Magenta (52%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (60%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D165D1 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 D165D1 by changing the saturation by 10% instead.



 D165D1

 D165D1

FFFFFF

 B44AB5

 FF9CFF

 982D9A

 FFB8FF

 7C0680

 FFD5FF

 610066

 FFF2FF

 47004E

 300037

 080020

 000004

 000000

 D165D1

 D165D1

 D150D1

 D17AD1

 D13BD1

 D18FD1

 D126D1

 D1A4D1

 D111D1

 D1B9D1

 D100D1

 D1CDD1

 D1E2D1

 D1F7D1

 D1FFD1

# Harmonies

## Analogous

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



8182FA



D165D1



F55197

# Triad

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



D165D1



B08A00



00AAC4

# Complementary

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



D165D1



65D165

# 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.



00AA87



D165D1



769B09

# Square

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



D165D1



DD7226



00A54A



00A5F3

# Rectangle

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



D165D1



F9526F



00A54A



00ABB1



# Sweetspot

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



D165D1



FFD6FF



6565D1



806780



000000



808080



# Same Dimension

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



D165D1



FF61FF



D1659B



695E69



A800A8



290029



# Inverse Universe

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



D165D1



FF61FF



65D19B



695E69



A800A8

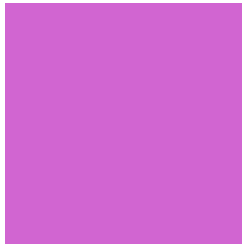


290029



# Previews

## White Background



This preview shows how the Hex color D165D1 looks on a white background.

## Color Contrast Check

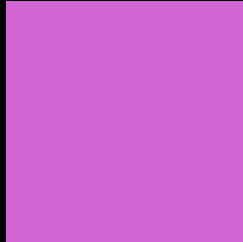
Large Text (above 18pt) WCAG AA ✓ Pass

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 D165D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

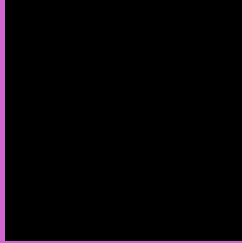
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D165D1 Background



This preview shows how black text looks on a background with the Hex color D165D1.

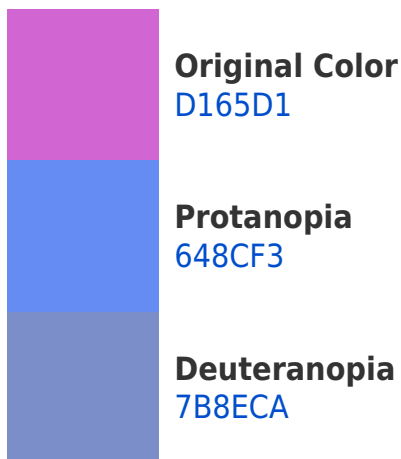


This preview shows how white text looks on a background with the Hex color D165D1.

# 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**  
C77982

# Trichromacy



**Original Color**  
D165D1



**Protanomaly**  
8C7EE7



**Deuteranomaly**  
9A7FCD



**Tritanomaly**  
CB729F

# Monochromacy



**Original Color**  
D165D1



**Achromatopsia**  
929292



**Achromatomaly**  
A982A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D165D1 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 #D165D1 looks like.

```
.text, #text, p{  
    color:#D165D1  
}
```

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 #D165D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D165D1
}
```

## Border

The CSS property to change the border of an element to Hex D165D1 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
#D165D1 }
```

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

```
.border{ border-color:#D165D1 }
```

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

Here you see how a box with a 4 pixel #D165D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D165D1; -webkit-box-shadow:4px 4px  
4px 4px #D165D1; box-shadow:4px 4px 4px  
4px #D165D1 }
```

# Background

The CSS property to change the background color of an element to Hex D165D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D165D1 }
```

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

```
.background{ background-color:#D165D1 }
```

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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