

# Converting Colors

Hex(D560BF)

Have a look what the booklet for  
Hex(D560BF) contains.

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# Color

Hex(D560BF)

# Conversions

## Conversions Part 1

Format	Color
Hex	D560BF
RGB	213, 96, 191
RGB Percent	84%, 38%, 75%
CMY	0.1647, 0.6235, 0.2510
CMYK	0.00, 0.55, 0.10, 0.16
HSL	311°, 58%, 61%
HSV	311°, 55%, 84%
XYZ	41.0274, 26.2735, 52.1991
YIQ	141.8130, 39.2370, 54.3490

# Conversions

## Conversions Part 2

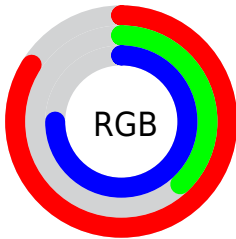
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 96, 191
Decimal	13983935
CIE Lab	58.30, 57.64, -28.43
CIE LCh	58, 64.267, 333.741
Yxy	26.2735, 0.3433, 0.2199
Android (android.graphics.Color)	4292174015 (0xFFD560BF)
YUV	141.8130, 24.2492, 62.4310
Hunter-Lab	51.2576, 53.1733, -24.4986

# Details

The Hex color **D560BF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **60D576**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF97F8**, and **9C2689** is the 20% darker color. If you saturate the color by 10%, you get **D54BBB**, and if you desaturate by 10%, it is **D575C3**.

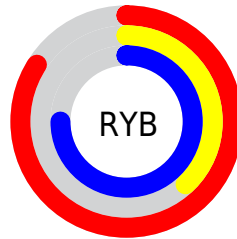
# Distribution



Red (84%)

Green (38%)

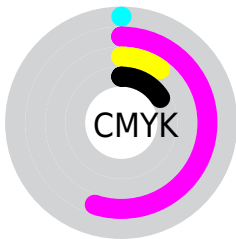
Blue (75%)



Red (84%)

Yellow (38%)

Blue (75%)

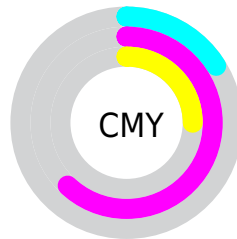


Cyan (0%)

Magenta (55%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (62%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D560BF 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 D560BF by changing the saturation by 10% instead.



 D560BF

 D560BF

FFFFFF

 B844A4

 FF97F8

 9C2689

 FFB3FF

 800070

 FFD0FF

 640057

 FFEDFF

 4A003F

 320029

 090012

 000000

 D560BF

 D560BF

 D54BBB

 D575C3

 D535B7

 D58BC7

 D520B3

 D5A0CB

 D50BAF

 D5B5CF

 D500AD

 D5CBD3

 D5E0D7

 D5F5DB

 D5FFDF

 D5FFE3

# Harmonies

## Analogous

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



957AEA



D560BF



EF5287

# Triad

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



D560BF



A18C00



00A5C9

# Complementary

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



D560BF



60D576

# 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.



00A692



D560BF



679B22

# Square

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



D560BF



CE7620



00A358



009FF1

# Rectangle

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



D560BF



EF5862



00A358



00A6B8



# Sweetspot

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



D560BF



FFD6F7



7560D5



80677B



000000



808080



# Same Dimension

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



D560BF



FF57DF



D56085



6B6069



AB008B



2B0023



# Inverse Universe

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



D560BF



FF57DF



60D5B0



6B6069



AB008B



2B0023



# Previews

## White Background



This preview shows how the Hex color D560BF looks on a white background.

## Color Contrast Check

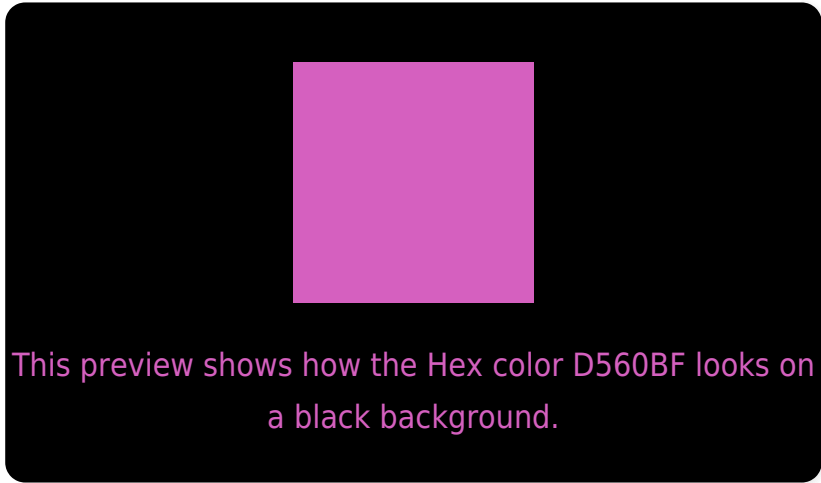
Large Text (above 18pt) WCAG AA ✓ Pass

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 D560BF Background



This preview shows how black text looks on a background with the Hex color D560BF.



This preview shows how white text looks on a background with the Hex color D560BF.

# Color Blindness Simulation

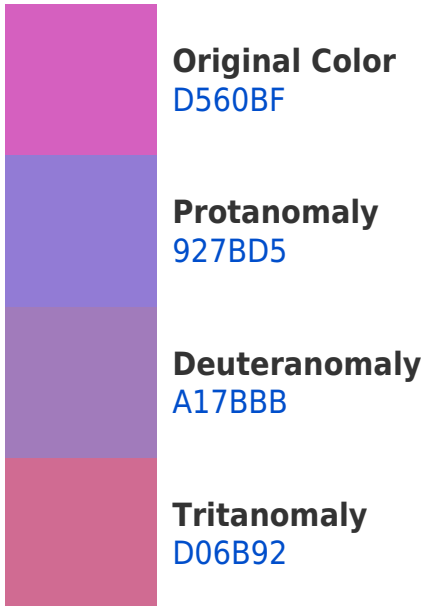
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D560BF 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 #D560BF looks like.

```
.text, #text, p{  
    color:#D560BF  
}
```

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 #D560BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D560BF
}
```

## Border

The CSS property to change the border of an element to Hex D560BF 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
#D560BF }
```

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

```
.border{ border-color:#D560BF }
```

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

Here you see how a box with a 4 pixel #D560BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D560BF; -webkit-box-shadow:4px 4px  
4px 4px #D560BF; box-shadow:4px 4px 4px  
4px #D560BF }
```

# Background

The CSS property to change the background color of an element to Hex D560BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D560BF }
```

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

```
.background{ background-color:#D560BF }
```

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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