

# Converting Colors

Hex(D50BE0)

Have a look what the booklet for  
Hex(D50BE0) contains.

<b>Hex(D50BE0)</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(D50BE0)

# Conversions

## Conversions Part 1

Format	Color
Hex	D50BE0
RGB	213, 11, 224
RGB Percent	84%, 4%, 88%
CMY	0.1647, 0.9569, 0.1216
CMYK	0.05, 0.95, 0.00, 0.12
HSL	297°, 91%, 46%
HSV	297°, 95%, 88%
XYZ	41.0148, 19.7673, 72.1748
YIQ	95.6800, 52.0190, 109.0670

# Conversions

## Conversions Part 2

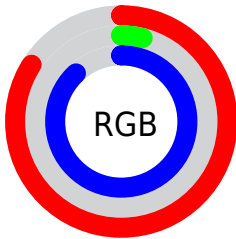
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 11, 224
Decimal	13962208
CIE <sub>Lab</sub>	51.57, 86.57, -57.88
CIE <sub>LCh</sub>	52, 104.138, 326.236
Yxy	19.7673, 0.3085, 0.1487
Android (android.graphics.Color)	4292152288 (0xFFD50BE0)
YUV	95.6800, 63.2618, 102.8896
Hunter-Lab	44.4604, 86.8607, -65.1260

# Details

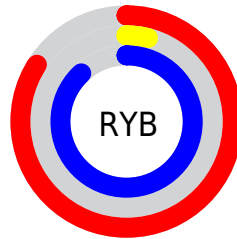
The Hex color **D50BE0** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **16E00B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF62FF**, and **9900A8** is the 20% darker color. If you saturate the color by 10%, you get **D400E0**, and if you desaturate by 10%, it is **D621E0**.

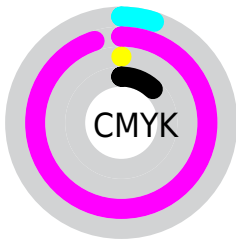
# Distribution



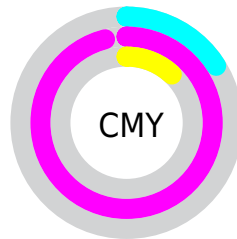
- Red (84%)
- Green (4%)
- Blue (88%)



- Red (84%)
- Yellow (4%)
- Blue (88%)



- Cyan (5%)
- Magenta (95%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (96%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D50BE0 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 D50BE0 by changing the saturation by 10% instead.



 D50BE0

 D50BE0

FFFFFF

 B700C4

 FF62FF

 9900A8

 FF81FF

 7C008D

 FFA0FF

 5F0072

 FFBEFF

 430059

 FFDCFF

 240041

 FFFBFF

 000029

 000113

 000000

 D50BE0

 D50BE0

 D400E0

 D621E0

 D738E0

 D84EE0

 DA65E0

 DB7BE0

 DC91E0

 DDA8E0

 DEBEE0

 DFD5E0

# Harmonies

## Analogous

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



1F69FF



D50BE0



FF008A

# Triad

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



D50BE0



9F7400



009DC8

# Complementary

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



D50BE0



16E00B

# 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.



009B6D



D50BE0



458C00

# Square

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



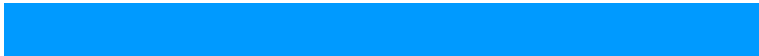
D50BE0



E04400



009700



009AFF

# Rectangle

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



D50BE0



FF0050



009700



009DAB



# Sweetspot

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



D50BE0



FBB5FF



0B19E0



7D5380



000000



808080



# Same Dimension

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



D50BE0



F200FF



E00B84



706570



A700B0



2E0030



# Inverse Universe

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



E00B16



FF000D



0BE067



706566



B00009



300003



# Previews

## White Background



This preview shows how the Hex color D50BE0 looks on a white background.

## Color Contrast Check

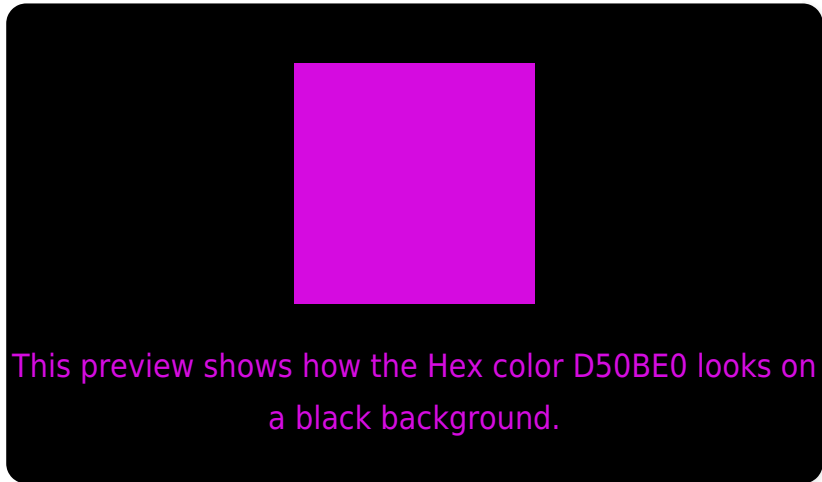
Large Text (above 18pt) WCAG AA ✓ Pass

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 D50BE0 Background



This preview shows how black text looks on a background with the Hex color D50BE0.



This preview shows how white text looks on a background with the Hex color D50BE0.

# 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**  
C6585E

# Trichromacy



**Original Color**  
D50BE0



**Protanomaly**  
4D50F2



**Deuteranomaly**  
7454D8



**Tritanomaly**  
CB3C8D

# Monochromacy



**Original Color**  
D50BE0



**Achromatopsia**  
606060



**Achromatomaly**  
8B418F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D50BE0 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 #D50BE0 looks like.

```
.text, #text, p{  
    color:#D50BE0  
}
```

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 #D50BE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D50BE0
}
```

## Border

The CSS property to change the border of an element to Hex D50BE0 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
#D50BE0 }
```

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

```
.border{ border-color:#D50BE0 }
```

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

Here you see how a box with a 4 pixel #D50BE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D50BE0; -webkit-box-shadow:4px 4px  
4px 4px #D50BE0; box-shadow:4px 4px 4px  
4px #D50BE0 }
```

# Background

The CSS property to change the background color of an element to Hex D50BE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D50BE0 }
```

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

```
.background{ background-color:#D50BE0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor