

# Converting Colors

Hex(D50CAF)

Have a look what the booklet for  
Hex(D50CAF) contains.

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**Color**

**Hex(D50CAF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D50CAF
RGB	213, 12, 175
RGB Percent	84%, 5%, 69%
CMY	0.1647, 0.9529, 0.3137
CMYK	0.00, 0.94, 0.18, 0.16
HSL	311°, 89%, 44%
HSV	311°, 94%, 84%
XYZ	35.3099, 17.5042, 42.0751
YIQ	90.6810, 67.4730, 93.3050

# Conversions

## Conversions Part 2

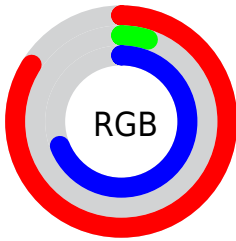
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 12, 175
Decimal	13962415
CIE <sub>Lab</sub>	48.89, 79.74, -33.80
CIE <sub>LCh</sub>	49, 86.609, 337.031
Yxy	17.5042, 0.3721, 0.1845
Android (android.graphics.Color)	4292152495 (0xFFD50CAF)
YUV	90.6810, 41.5693, 107.2738
Hunter-Lab	41.8380, 77.4314, -30.3392

# Details

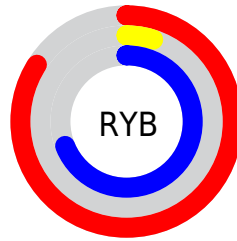
The Hex color **D50CAF** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0CD532**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60E7**, and **99007A** is the 20% darker color. If you saturate the color by 10%, you get **D500AD**, and if you desaturate by 10%, it is **D521B3**.

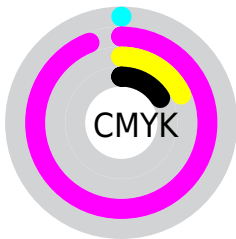
# Distribution



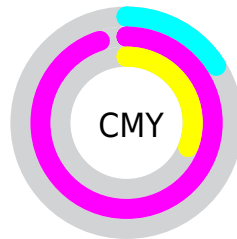
- Red (84%)
- Green (5%)
- Blue (69%)



- Red (84%)
- Yellow (5%)
- Blue (69%)



- Cyan (0%)
- Magenta (94%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (95%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D50CAF 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 D50CAF by changing the saturation by 10% instead.



 D50CAF

 D50CAF

FFFFFF

 B70094

 FF60E7

 99007A

 FF7EFF

 7C0061

 FF9CFF

 5F0048

 FFBAFF

 450032

 FFD8FF

 27001B

 FFF7FF

 000000

 D50CAF

 D50CAF

 D500AD

 D521B3

 D537B7

 D54CBB

 D561BF

 D576C3

 D58CC7

 D5A1CB

 D5B6CF

 D5CCD3

# Harmonies

## Analogous

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



8456EB



D50CAF



EF0067

# Triad

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



D50CAF



7F7700



0091CC

# Complementary

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



D50CAF



0CD532

# 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.



009184



D50CAF



228700

# Square

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



D50CAF



BA5A00



008E35



008BFD

# Rectangle

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



D50CAF



EA0037



008E35



0092B6



# Sweetspot

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



D50CAF



FFB8F2



310CD5



805477



000000



808080



# Same Dimension

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



D50CAF



FF00CF



D50C4C



6B6069



AB008B



2B0023



# Inverse Universe

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



D50CAF



FF00CF



0CD595



6B6069



AB008B



2B0023



# Previews

## White Background



This preview shows how the Hex color D50CAF looks on a white background.

## Color Contrast Check

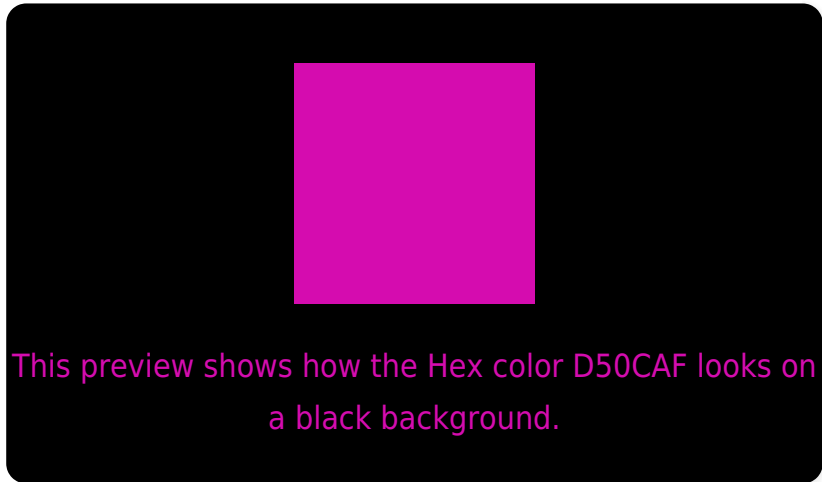
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

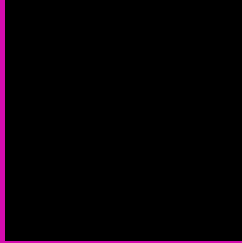
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D50CAF Background



This preview shows how black text looks on a background with the Hex color D50CAF.



This preview shows how white text looks on a background with the Hex color D50CAF.

# Color Blindness Simulation

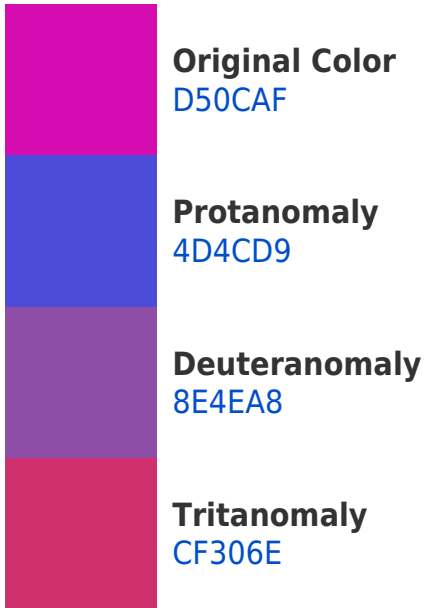
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D50CAF 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 #D50CAF looks like.

```
.text, #text, p{  
    color:#D50CAF  
}
```

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 #D50CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D50CAF
}
```

## Border

The CSS property to change the border of an element to Hex D50CAF 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
#D50CAF }
```

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

```
.border{ border-color:#D50CAF }
```

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

Here you see how a box with a 4 pixel #D50CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D50CAF; -webkit-box-shadow:4px 4px  
4px 4px #D50CAF; box-shadow:4px 4px 4px  
4px #D50CAF }
```

# Background

The CSS property to change the background color of an element to Hex D50CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D50CAF }
```

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

```
.background{ background-color:#D50CAF }
```

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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