

Converting Colors

Hex(DD50C0)

Have a look what the booklet for
Hex(DD50C0) contains.

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Color

Hex(DD50C0)

Conversions

Conversions Part 1

Format	Color
Hex	DD50C0
RGB	221, 80, 192
RGB Percent	87%, 31%, 75%
CMY	0.1333, 0.6863, 0.2471
CMYK	0.00, 0.64, 0.13, 0.13
HSL	312°, 67%, 59%
HSV	312°, 64%, 87%
XYZ	42.2019, 24.9152, 52.4540
YIQ	134.9270, 48.0840, 64.7240

Conversions

Conversions Part 2

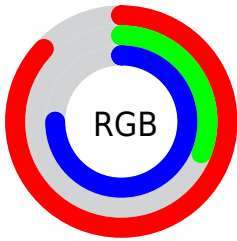
Format	Color
R _{YB}	221, 80, 192
Decimal	14504128
CIE Lab	56.99, 66.82, -30.93
CIE LCh	57, 73.636, 335.159
Yxy	24.9152, 0.3529, 0.2084
Android (android.graphics.Color)	4292694208 (0xFFDD50C0)
YUV	134.9270, 28.1370, 75.4860
Hunter-Lab	49.9152, 63.5652, -27.3650

Details

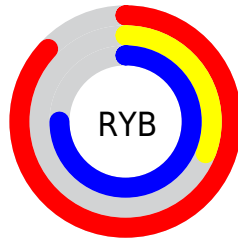
The Hex color **DD50C0** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **50DD6D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8AF9**, and **A2008A** is the 20% darker color. If you saturate the color by 10%, you get **DD3ABB**, and if you desaturate by 10%, it is **DD66C5**.

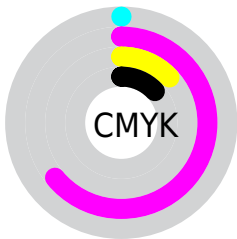
Distribution



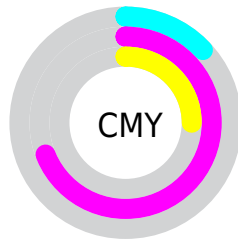
- Red (87%)
- Green (31%)
- Blue (75%)



- Red (87%)
- Yellow (31%)
- Blue (75%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (69%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD50C0 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 DD50C0 by changing the saturation by 10% instead.

 DD50C0

 DD50C0

FFFFFF

 BF31A5

 FF8AF9

 A2008A

 FFA6FF

 860070

 FFC3FF

 6A0058

 FFE1FF

 4E0040

FFFEFF

 350029

 110013

 000000

 DD50C0

 DD50C0

 DD3ABB

 DD66C5

 DD24B7

 DD7CC9

 DD0EB2

 DD92CE

 DD00B0

 DDA8D2

 DDBFD7

 DDD5DB

 DDEBE0

 DDFFE4

 DDFFE9

Harmonies

Analogous

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



9572F3



DD50C0



F83D81

Triad

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



DD50C0



9B8A00



00A4D2

Complementary

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



DD50C0



50DD6D

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.



00A592



DD50C0



579900

Square

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



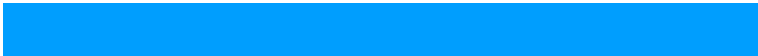
DD50C0



CE7100



00A24F



009EFE

Rectangle

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



DD50C0



F64757



00A24F



00A5BE

Sweetspot

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



DD50C0



FFCFF5



6C50DD



806279



000000



808080

Same Dimension

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



DD50C0



FF3BD7



DD507A



6E636B



AD008A



2E0024

Inverse Universe

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



DD50C0



FF3BD7



50DDB3



6E636B



AD008A



2E0024

Previews

White Background



This preview shows how the Hex color DD50C0 looks on a white background.

Color Contrast Check

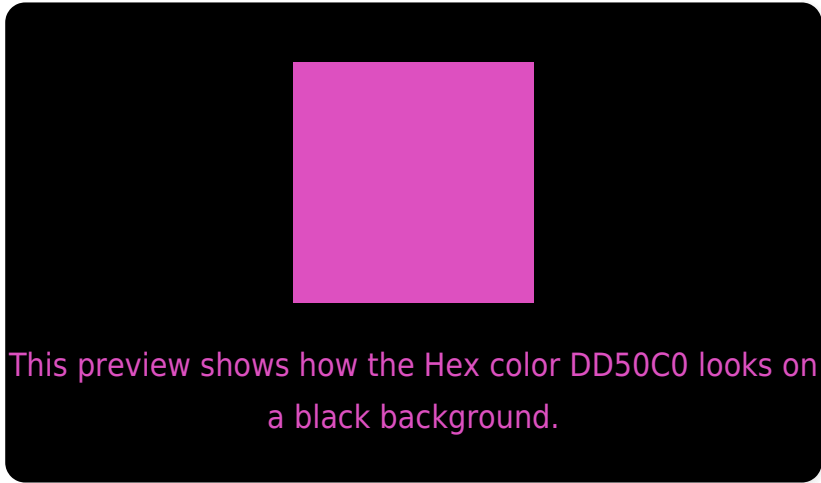
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD50C0 Background



This preview shows how black text looks on a background with the Hex color DD50C0.

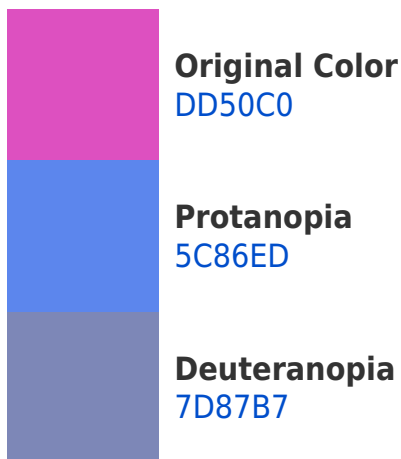


This preview shows how white text looks on a background with the Hex color DD50C0.

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
D5676E

Trichromacy



Original Color
DD50C0



Protanomaly
8B72DD



Deuteranomaly
A073BA



Tritanomaly
D85F8C

Monochromacy



Original Color
DD50C0



Achromatopsia
878787



Achromatomaly
A6739C

CSS Examples

Text

The CSS property to change the color of the text to Hex DD50C0 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 #DD50C0 looks like.

```
.text, #text, p{  
    color:#DD50C0  
}
```

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 #DD50C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD50C0
}
```

Border

The CSS property to change the border of an element to Hex DD50C0 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
#DD50C0 }
```

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

```
.border{ border-color:#DD50C0 }
```

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

Here you see how a box with a 4 pixel #DD50C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD50C0; -webkit-box-shadow:4px 4px  
4px 4px #DD50C0; box-shadow:4px 4px 4px  
4px #DD50C0 }
```

Background

The CSS property to change the background color of an element to Hex DD50C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD50C0 }
```

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

```
.background{ background-color:#DD50C0 }
```

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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