

# Converting Colors

Hex(DD6DC5)

Have a look what the booklet for  
Hex(DD6DC5) contains.

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# Color

Hex(DD6DC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	DD6DC5
RGB	221, 109, 197
RGB Percent	87%, 43%, 77%
CMY	0.1333, 0.5725, 0.2275
CMYK	0.00, 0.51, 0.11, 0.13
HSL	313°, 62%, 65%
HSV	313°, 51%, 87%
XYZ	45.3655, 30.3406, 56.2886
YIQ	152.5200, 38.5040, 51.1120

# Conversions

## Conversions Part 2

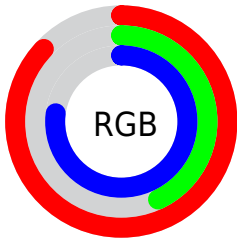
Format	Color
R <sub>Y</sub> B	221, 109, 197
Decimal	14511557
CIE Lab	61.95, 54.77, -26.12
CIE LCh	62, 60.683, 334.501
Yxy	30.3406, 0.3437, 0.2299
Android (android.graphics.Color)	4292701637 (0xFFDD6DC5)
YUV	152.5200, 21.9286, 60.0570
Hunter-Lab	55.0823, 50.6174, -22.0308

# Details

The Hex color **DD6DC5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6DDD85**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA4FE**, and **A3368F** is the 20% darker color. If you saturate the color by 10%, you get **DD57C0**, and if you desaturate by 10%, it is **DD83CA**.

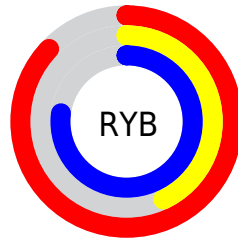
# Distribution



Red (87%)

Green (43%)

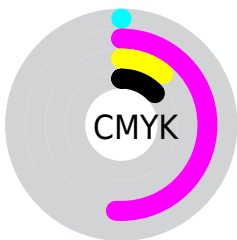
Blue (77%)



Red (87%)

Yellow (43%)

Blue (77%)

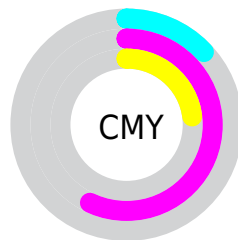


Cyan (0%)

Magenta (51%)

Yellow (11%)

Black (13%)



Cyan (13%)

Magenta (57%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD6DC5 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 DD6DC5 by changing the saturation by 10% instead.



 DD6DC5

 DD6DC5

FFFFFF

 C052AA

 FFA4FE

 A3368F

 FFC0FF

 881675

 FFDDFF

 6C005C

 FFFAFF

 510044

 39002E

 1C0018

 000000

 DD6DC5

 DD6DC5

 DD57C0

 DD83CA

 DD41BC

 DD99CE

 DD2BB7

 DDAFD3

 DD15B2

 DDC5D8

 DD00AE

 DDDBDD

 DDF2E1

 DDFE6


 DDFE6

 DDFE6

 DDFE6

 DDFE6

 DDFE6

 DDFE6

# Harmonies

## Analogous

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



A284EF



DD6DC5



F66290

# Triad

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



DD6DC5



AA961C



00AED1

# Complementary

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



DD6DC5



6DDD85

# 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.



00AF9C



DD6DC5



72A435

# Square

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



DD6DC5



D68231



00AC65



00A7F6

# Rectangle

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



DD6DC5



F6676C



00AC65



00AFC1



# Sweetspot

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



DD6DC5



FFD9F7



836DDD



80697B



000000



808080



# Same Dimension

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



DD6DC5



FF63DE



DD6D8F



6E636B



AD0088



2E0024



# Inverse Universe

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



DD6DC5



FF63DE



6DDDBB



6E636B



AD0088



2E0024



# Previews

## White Background



This preview shows how the Hex color DD6DC5 looks on a white background.

## Color Contrast Check

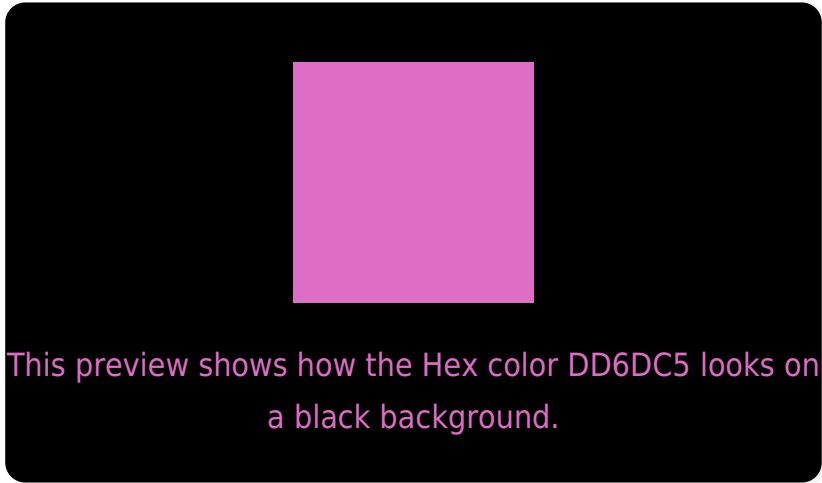
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex DD6DC5 Background



This preview shows how black text looks on a background with the Hex color DD6DC5.

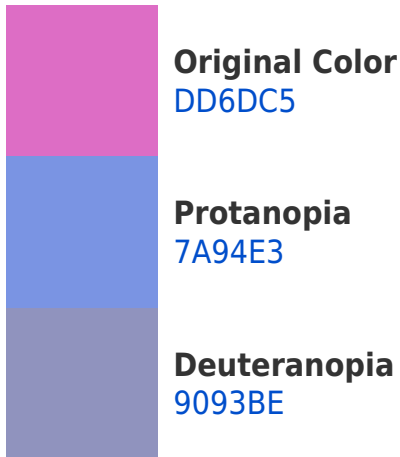


This preview shows how white text looks on a background with the Hex color DD6DC5.

# 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**  
D67C85

# Trichromacy



**Original Color**  
DD6DC5



**Protanomaly**  
9E86D8



**Deuteranomaly**  
AC85C1

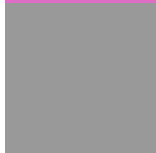


**Tritanomaly**  
D9779C

# Monochromacy



**Original Color**  
DD6DC5



**Achromatopsia**  
999999



**Achromatomaly**  
B289A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD6DC5 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 #DD6DC5 looks like.

```
.text, #text, p{  
    color:#DD6DC5  
}
```

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 #DD6DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD6DC5
}
```

## Border

The CSS property to change the border of an element to Hex DD6DC5 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
#DD6DC5 }
```

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

```
.border{ border-color:#DD6DC5 }
```

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

Here you see how a box with a 4 pixel #DD6DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD6DC5; -webkit-box-shadow:4px 4px  
4px 4px #DD6DC5; box-shadow:4px 4px 4px  
4px #DD6DC5 }
```

# Background

The CSS property to change the background color of an element to Hex DD6DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD6DC5 }
```

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

```
.background{ background-color:#DD6DC5 }
```

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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