

# Converting Colors

Hex(D67DF1)

Have a look what the booklet for  
Hex(D67DF1) contains.

<b>Hex(D67DF1)</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(D67DF1)

# Conversions

## Conversions Part 1

Format	Color
Hex	D67DF1
RGB	214, 125, 241
RGB Percent	84%, 49%, 95%
CMY	0.1608, 0.5098, 0.0549
CMYK	0.11, 0.48, 0.00, 0.05
HSL	286°, 81%, 72%
HSV	286°, 48%, 95%
XYZ	50.9424, 35.3142, 87.3505
YIQ	164.8350, 15.8080, 54.9440

# Conversions

## Conversions Part 2

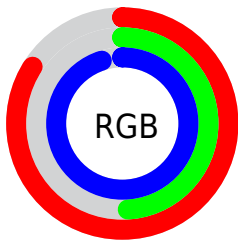
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 125, 241
Decimal	14056945
CIE <sub>Lab</sub>	65.99, 52.73, -44.47
CIE <sub>LCh</sub>	66, 68.979, 319.858
Yxy	35.3142, 0.2934, 0.2034
Android (android.graphics.Color)	4292247025 (0xFFD67DF1)
YUV	164.8350, 37.5493, 43.1177
Hunter-Lab	59.4258, 49.0228, -45.5528

# Details

The Hex color **D67DF1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **98F17D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB4FF**, and **9D48B8** is the 20% darker color. If you saturate the color by 10%, you get **D065F1**, and if you desaturate by 10%, it is **DC95F1**.

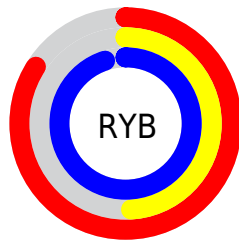
# Distribution



Red (84%)

Green (49%)

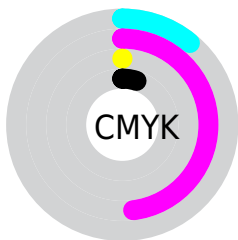
Blue (95%)



Red (84%)

Yellow (49%)

Blue (95%)

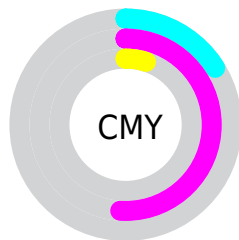


Cyan (11%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (16%)

Magenta (51%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D67DF1 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 D67DF1 by changing the saturation by 10% instead.



 D67DF1

 D67DF1

FFFFFF

 B962D4

 FFB4FF

 9D48B8

 FFD0FF

 812D9D

 FFEDFF

 660D83

 4C0069

 310050

 180039

 000222

 000007

 D67DF1

 D67DF1

 D065F1

 DC95F1

 CB4DF1

 E1ADF1

 C535F1

 E7C5F1

 C01DF1

 ECDDF1

 BA05F1

 F2F5F1

 B900F1

 F8FFF1

 FDFFF1

 FFFFF1

# Harmonies

## Analogous

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



7699FF



D67DF1



FF66B8

# Triad

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



D67DF1



D09611



00BDC9

# Complementary

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



D67DF1



98F17D

# 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.



00BC89



D67DF1



98AA15

# Square

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



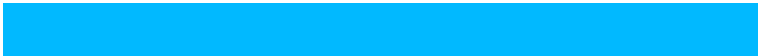
D67DF1



FB7C42



48B64B



00B9FE

# Rectangle

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



D67DF1



FF638E



48B64B



00BDB4



# Sweetspot

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



D67DF1



F7DBFF



7D98F1



7A6A80



000000



808080



# Same Dimension

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



D67DF1



DD6BFF



F17DD2



756C78



8D00B8



2B0038



# Inverse Universe

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



F17D98



FF6B8E



7DF19C



786C6F



B8002B

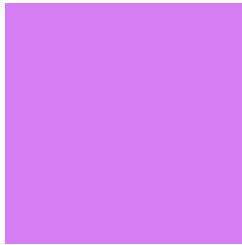


38000D



# Previews

## White Background



This preview shows how the Hex color D67DF1 looks on a white background.

## Color Contrast Check

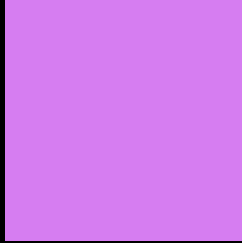
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D67DF1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

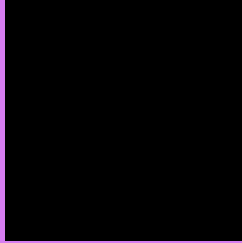
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D67DF1 Background



This preview shows how black text looks on a background with the Hex color D67DF1.

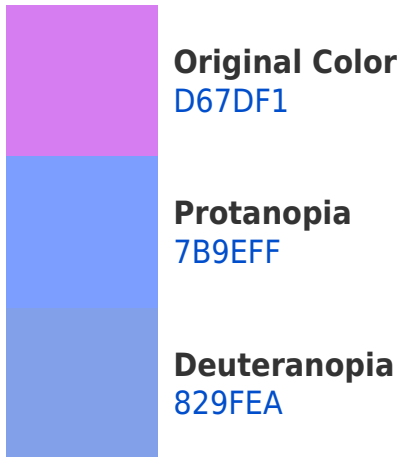



This preview shows how white text looks on a background with the Hex color D67DF1.

# 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](#).

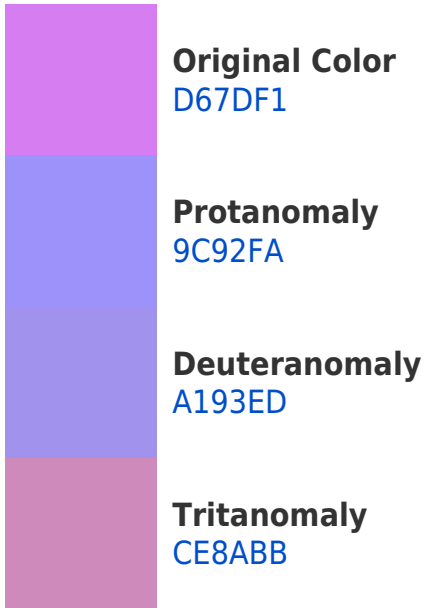
## Dichromacy



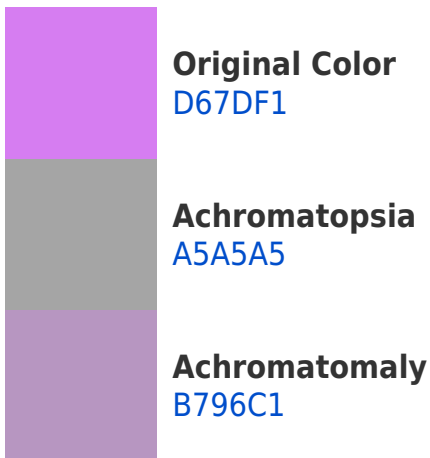


**Tritanopia**  
CA919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D67DF1 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 #D67DF1 looks like.

```
.text, #text, p{  
    color:#D67DF1  
}
```

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 #D67DF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D67DF1
}
```

## Border

The CSS property to change the border of an element to Hex D67DF1 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
#D67DF1 }
```

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

```
.border{ border-color:#D67DF1 }
```

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

Here you see how a box with a 4 pixel #D67DF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D67DF1; -webkit-box-shadow:4px 4px  
4px 4px #D67DF1; box-shadow:4px 4px 4px  
4px #D67DF1 }
```

# Background

The CSS property to change the background color of an element to Hex D67DF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D67DF1 }
```

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

```
.background{ background-color:#D67DF1 }
```

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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