

# Converting Colors

Hex(D63FB7)

Have a look what the booklet for  
Hex(D63FB7) contains.

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# Color

Hex(D63FB7)

# Conversions

## Conversions Part 1

Format	Color
Hex	D63FB7
RGB	214, 63, 183
RGB Percent	84%, 25%, 72%
CMY	0.1608, 0.7529, 0.2824
CMYK	0.00, 0.71, 0.14, 0.16
HSL	312°, 65%, 54%
HSV	312°, 71%, 84%
XYZ	38.0563, 21.2701, 46.8995
YIQ	121.8290, 51.4760, 69.3320

# Conversions

## Conversions Part 2

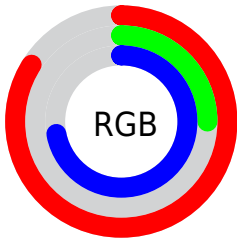
Format	Color
R <sub>YB</sub>	214, 63, 183
Decimal	14041015
CIE <sub>Lab</sub>	53.24, 70.06, -31.66
CIE <sub>LCh</sub>	53, 76.880, 335.684
Yxy	21.2701, 0.3583, 0.2002
Android (android.graphics.Color)	4292231095 (0xFFD63FB7)
YUV	121.8290, 30.1573, 80.8340
Hunter-Lab	46.1195, 66.5834, -28.0091

# Details

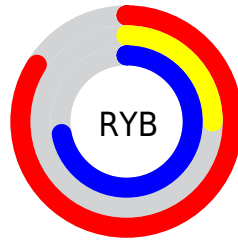
The Hex color **D63FB7** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **3FD65E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7BEF**, and **9B0082** is the 20% darker color. If you saturate the color by 10%, you get **D62AB3**, and if you desaturate by 10%, it is **D654BB**.

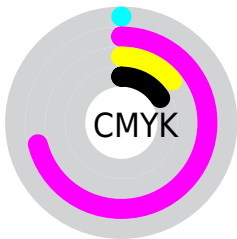
# Distribution



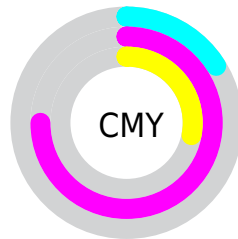
- Red (84%)
- Green (25%)
- Blue (72%)



- Red (84%)
- Yellow (25%)
- Blue (72%)



- Cyan (0%)
- Magenta (71%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (75%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D63FB7 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 D63FB7 by changing the saturation by 10% instead.



 D63FB7

 D63FB7

FFFFFF

 B8199C

 FF7BEF

 9B0082

 FF98FF

 7F0068

 FFB5FF

 630050

 FFD2FF

 480038

 FFF0FF

 2C0022

 000007

 000000

 D63FB7

 D63FB7

 D62AB3

 D654BB

 D614AE

 D66AC0

 D600AA

 D67FC4

 D695C9

 D6AACD

 D6BFD1

 D6D5D6

 D6EADA

 D6FFDF

# Harmonies

## Analogous

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



8C67EC



D63FB7



F12576

# Triad

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



D63FB7



8F8100



009BCB

# Complementary

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



D63FB7



3FD65E

# 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.



009B8A



D63FB7



479000

# Square

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



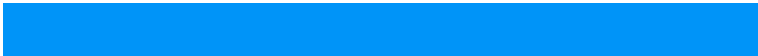
D63FB7



C46700



009845



0094F8

# Rectangle

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



D63FB7



EE354A



009845



009CB7



# Sweetspot

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



D63FB7



FFC9F4



5D3FD6



806079



000000



808080



# Same Dimension

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



D63FB7



FF26D3



D63F6C



6B6069



AB0088



2B0022



# Inverse Universe

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



D63FB7



FF26D3



3FD6A9



6B6069



AB0088



2B0022



# Previews

## White Background



This preview shows how the Hex color D63FB7 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 D63FB7 Background



This preview shows how black text looks on a background with the Hex color D63FB7.

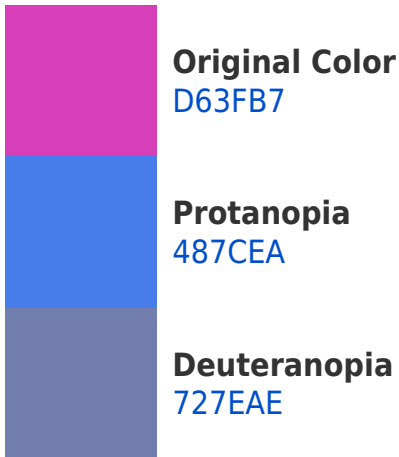


This preview shows how white text looks on a background with the Hex color D63FB7.

# 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



**Original Color**  
D63FB7



**Protanomaly**  
7C66D7



**Deuteranomaly**  
9667B1



**Tritanomaly**  
D15080

# Monochromacy



**Original Color**  
D63FB7



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
9B6590

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D63FB7 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 #D63FB7 looks like.

```
.text, #text, p{  
    color:#D63FB7  
}
```

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 #D63FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D63FB7  
}
```

## Border

The CSS property to change the border of an element to Hex D63FB7 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  
#D63FB7 }
```

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

```
.border{ border-color:#D63FB7 }
```

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

Here you see how a box with a 4 pixel #D63FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D63FB7; -webkit-box-shadow:4px 4px  
4px 4px #D63FB7; box-shadow:4px 4px 4px  
4px #D63FB7 }
```

# Background

The CSS property to change the background color of an element to Hex D63FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D63FB7 }
```

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

```
.background{ background-color:#D63FB7 }
```

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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