

Converting Colors

Hex(D64FC1)

Have a look what the booklet for
Hex(D64FC1) contains.

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Color

Hex(D64FC1)

Conversions

Conversions Part 1

Format	Color
Hex	D64FC1
RGB	214, 79, 193
RGB Percent	84%, 31%, 76%
CMY	0.1608, 0.6902, 0.2431
CMYK	0.00, 0.63, 0.10, 0.16
HSL	309°, 62%, 57%
HSV	309°, 63%, 84%
XYZ	40.1532, 23.7384, 52.9177
YIQ	132.3610, 43.8660, 64.0740

Conversions

Conversions Part 2

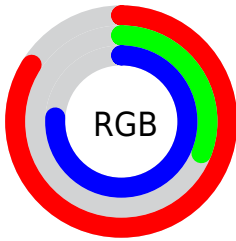
Format	Color
RYB	214, 79, 193
Decimal	14045121
CIELab	55.82, 65.58, -33.41
CIELCh	56, 73.601, 333.005
Yxy	23.7384, 0.3437, 0.2032
Android (android.graphics.Color)	4292235201 (0xFFD64FC1)
YUV	132.3610, 29.8950, 71.5974
Hunter-Lab	48.7220, 61.8433, -30.2903

Details

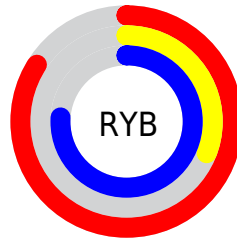
The Hex color **D64FC1** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **4FD664**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF88FA**, and **9C008B** is the 20% darker color. If you saturate the color by 10%, you get **D63ABE**, and if you desaturate by 10%, it is **D664C4**.

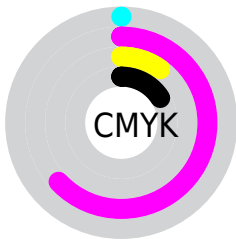
Distribution



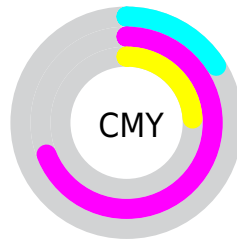
- Red (84%)
- Green (31%)
- Blue (76%)



- Red (84%)
- Yellow (31%)
- Blue (76%)



- Cyan (0%)
- Magenta (63%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color D64FC1 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 D64FC1 by changing the saturation by 10% instead.

 D64FC1

 D64FC1

FFFFFF

 B930A6

 FF88FA

 9C008B

 FFA5FF

 800071

 FFC1FF

 640058

 FFDFFF

 490040

 FFFCFF

 2F002A

 010013

 000000

 D64FC1

 D64FC1

 D63ABE

 D664C4

 D624BA

 D67AC8

 D60FB7

 D68FCB

 D600B5

 D6A5CE

 D6BAD2

 D6CFD5

 D6E5D8

 D6FADC

 D6FFDF

Harmonies

Analogous

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



8A71F2



D64FC1



F43982

Triad

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



D64FC1



9C8500



00A1CA

Complementary

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



D64FC1



4FD664

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.



00A28B



D64FC1



5A9500

Square

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



D64FC1



CE6C00



009E48



009BF8

Rectangle

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



D64FC1



F44258



009E48



00A2B6

Sweetspot

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



D64FC1



FFCFF7



634FD6



80627B



000000



808080

Same Dimension

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



D64FC1



FF3DE1



D64F7E



6B6069



AB0090



2B0025

Inverse Universe

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



D64FC1



FF3DE1



4FD6A7



6B6069



AB0090



2B0025

Previews

White Background



This preview shows how the Hex color D64FC1 looks on a white background.

Color Contrast Check

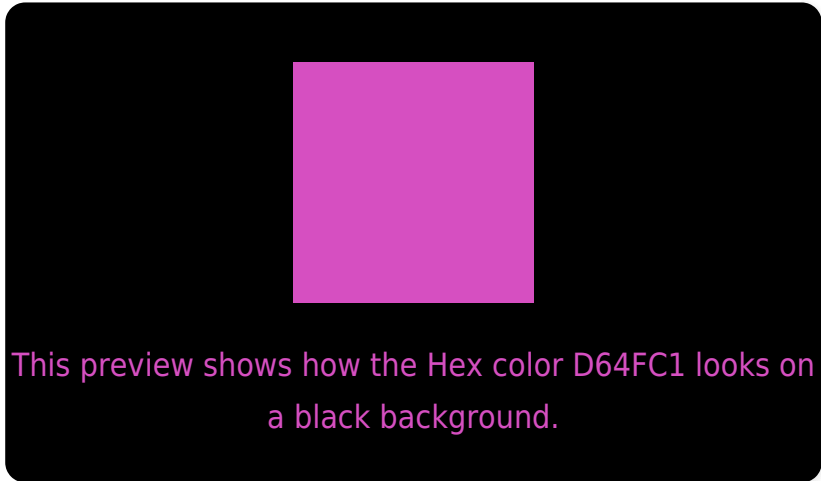
Large Text (above 18pt) WCAG AA ✓ Pass

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 D64FC1 Background



This preview shows how black text looks on a background with the Hex color D64FC1.

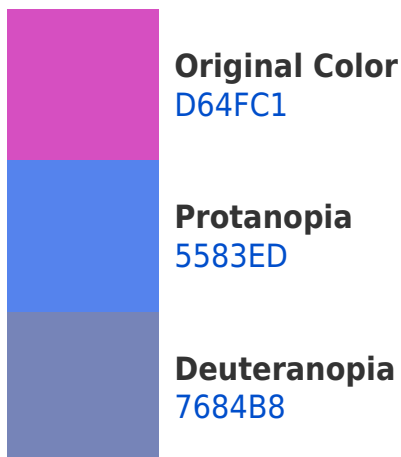


This preview shows how white text looks on a background with the Hex color D64FC1.

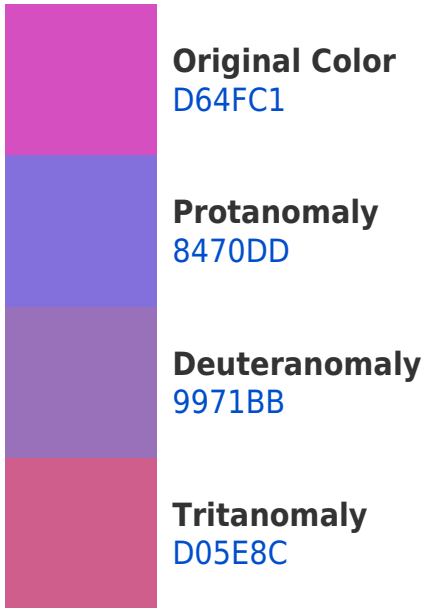
Color Blindness Simulation

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](#).

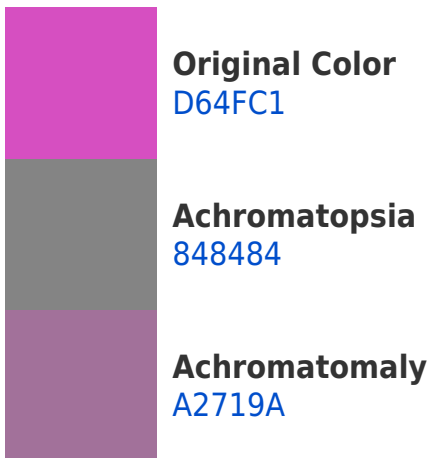
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D64FC1 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 #D64FC1 looks like.

```
.text, #text, p{  
    color:#D64FC1  
}
```

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 #D64FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64FC1
}
```

Border

The CSS property to change the border of an element to Hex D64FC1 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
#D64FC1 }
```

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

```
.border{ border-color:#D64FC1 }
```

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

Here you see how a box with a 4 pixel #D64FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64FC1; -webkit-box-shadow:4px 4px  
4px 4px #D64FC1; box-shadow:4px 4px 4px  
4px #D64FC1 }
```

Background

The CSS property to change the background color of an element to Hex D64FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64FC1 }
```

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

```
.background{ background-color:#D64FC1 }
```

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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