

Converting Colors

Hex(DC3FC4)

Have a look what the booklet for
Hex(DC3FC4) contains.

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Color

Hex(DC3FC4)

Conversions

Conversions Part 1

Format	Color
Hex	DC3FC4
RGB	220, 63, 196
RGB Percent	86%, 25%, 77%
CMY	0.1373, 0.7529, 0.2314
CMYK	0.00, 0.71, 0.11, 0.14
HSL	309°, 69%, 55%
HSV	309°, 71%, 86%
XYZ	41.2565, 22.7562, 54.4425
YIQ	125.1050, 50.8790, 74.6470

Conversions

Conversions Part 2

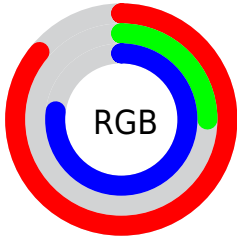
Format	Color
R _Y B	220, 63, 196
Decimal	14434244
CIE Lab	54.82, 73.32, -36.64
CIE LCh	55, 81.962, 333.448
Yxy	22.7562, 0.3483, 0.1921
Android (android.graphics.Color)	4292624324 (0xFFDC3FC4)
YUV	125.1050, 34.9512, 83.2229
Hunter-Lab	47.7034, 70.8954, -34.2735

Details

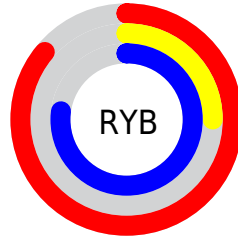
The Hex color **DC3FC4** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3FDC57**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF7CFD**, and **A1008E** is the 20% darker color. If you saturate the color by 10%, you get **DC29C1**, and if you desaturate by 10%, it is **DC55C7**.

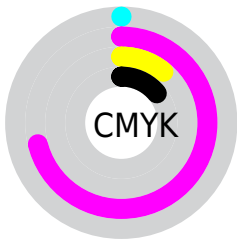
Distribution



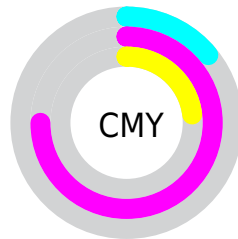
- Red (86%)
- Green (25%)
- Blue (77%)



- Red (86%)
- Yellow (25%)
- Blue (77%)



- Cyan (0%)
- Magenta (71%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (75%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC3FC4 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 DC3FC4 by changing the saturation by 10% instead.

 DC3FC4

 DC3FC4

FFFFFF

 BE16A9

 FF7CFD

 A1008E

 FF99FF

 840074

 FFB6FF

 68005B

 FFD4FF

 4C0043

 FFF2FF

 31002C

 090016

 000000

 DC3FC4

 DC3FC4

 DC29C1

 DC55C7

 DC13BD

 DC6BCB

 DC00BA

 DC81CE

 DC97D1

 DCADD5

 DCC3D8

 DCD9DC

 DCEFDf

 DCFfE2

Harmonies

Analogous

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



876CFB



DC3FC4



FC177E

Triad

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



DC3FC4



988300



00A1D0

Complementary

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



DC3FC4



3FDC57

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.



00A18A



DC3FC4



4C9400

Square

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



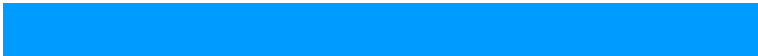
DC3FC4



CF6600



009D3E



009BFF

Rectangle

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



DC3FC4



FA2C50



009D3E



00A1BA

Sweetspot

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



DC3FC4



FFC9F7



573FDC



80607B



000000



808080

Same Dimension

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



DC3FC4



FF24DD



DC3F76



6E636C



AD0093



2E0027

Inverse Universe

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



DC3FC4



FF24DD



3FDCA5



6E636C



AD0093



2E0027

Previews

White Background



This preview shows how the Hex color DC3FC4 looks on a white background.

Color Contrast Check

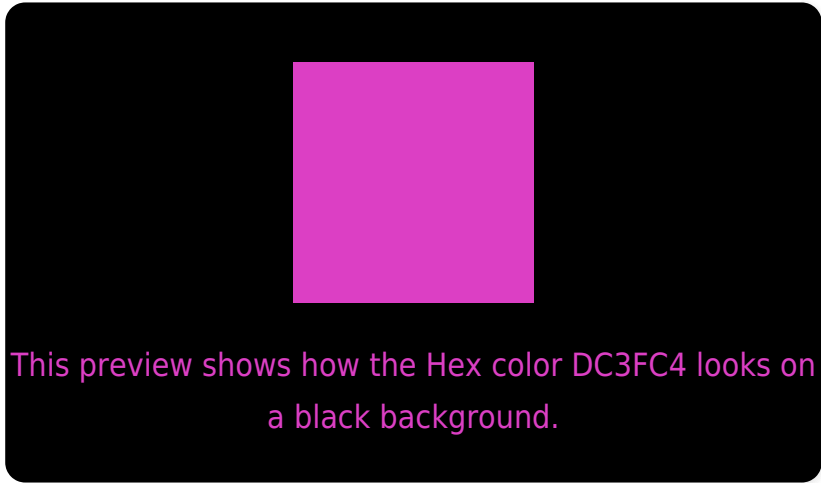
Large Text (above 18pt) WCAG AA ✓ Pass

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

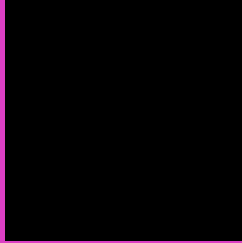
Any Text WCAG AA ✓ Pass

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 DC3FC4 Background



This preview shows how black text looks on a background with the Hex color DC3FC4.

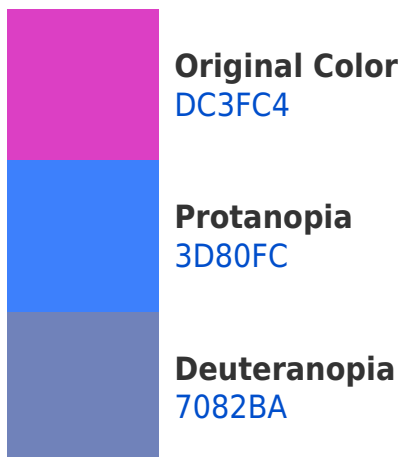



This preview shows how white text looks on a background with the Hex color DC3FC4.

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
D25E64

Trichromacy



Original Color
DC3FC4



Protanomaly
7768E8



Deuteranomaly
976ABE



Tritanomaly
D65387

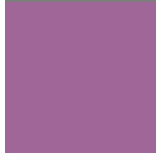
Monochromacy



Original Color
DC3FC4



Achromatopsia
7D7D7D



Achromatomaly
A06697

CSS Examples

Text

The CSS property to change the color of the text to Hex DC3FC4 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 #DC3FC4 looks like.

```
.text, #text, p{  
    color:#DC3FC4  
}
```

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 #DC3FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3FC4
}
```

Border

The CSS property to change the border of an element to Hex DC3FC4 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
#DC3FC4 }
```

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

```
.border{ border-color:#DC3FC4 }
```

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

Here you see how a box with a 4 pixel #DC3FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3FC4; -webkit-box-shadow:4px 4px  
4px 4px #DC3FC4; box-shadow:4px 4px 4px  
4px #DC3FC4 }
```

Background

The CSS property to change the background color of an element to Hex DC3FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3FC4 }
```

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

```
.background{ background-color:#DC3FC4 }
```

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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