

Converting Colors

Hex(DF3BF7)

Have a look what the booklet for
Hex(DF3BF7) contains.

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Color

Hex(DF3BF7)

Conversions

Conversions Part 1

Format	Color
Hex	DF3BF7
RGB	223, 59, 247
RGB Percent	87%, 23%, 97%
CMY	0.1255, 0.7686, 0.0314
CMYK	0.10, 0.76, 0.00, 0.03
HSL	292°, 92%, 60%
HSV	292°, 76%, 97%
XYZ	48.7839, 25.5313, 90.3525
YIQ	129.4680, 37.3960, 93.2360

Conversions

Conversions Part 2

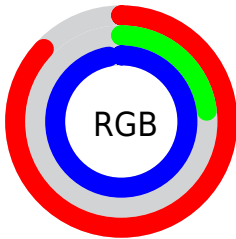
Format	Color
R _Y B	223, 59, 247
Decimal	14629879
CIE _{Lab}	57.59, 83.13, -61.06
CIE _{LCh}	58, 103.149, 323.701
Yxy	25.5313, 0.2963, 0.1550
Android (android.graphics.Color)	4292819959 (0xFFDF3BF7)
YUV	129.4680, 57.9433, 82.0276
Hunter-Lab	50.5285, 83.9120, -70.6494

Details

The Hex color **DF3BF7** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **53F73B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7BFF**, and **A300BE** is the 20% darker color. If you saturate the color by 10%, you get **DC22F7**, and if you desaturate by 10%, it is **E254F7**.

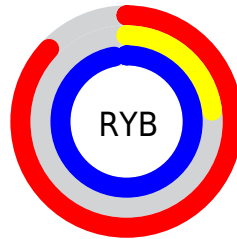
Distribution



Red (87%)

Green (23%)

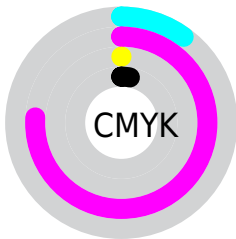
Blue (97%)



Red (87%)

Yellow (23%)

Blue (97%)

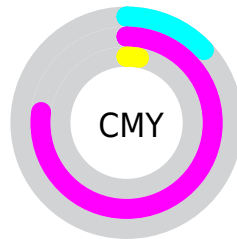


Cyan (10%)

Magenta (76%)

Yellow (0%)

Black (3%)



Cyan (13%)

Magenta (77%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF3BF7 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 DF3BF7 by changing the saturation by 10% instead.

 DF3BF7

 DF3BF7

FFFFFF

 C104DA

 FF7BF7

 A300BE

 FF99FF

 8600A2

 FFB7FF

 690087

 FFD5FF

 4B006D

 FFF3FF

 300054

 09003B

 000224

 00000C

 DF3BF7

 DF3BF7

 DC22F7

 E254F7

 D90AF7

 E56CF7

 D700F7

 E885F7

 EC9EF7

 EFB6F7

 F2CFF7

 F5E8F7

 F8FFF7

 FBFFF7

Harmonies

Analogous

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



177CFF



DF3BF7



FF00A2

Triad

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



DF3BF7



B88100



00AED1

Complementary

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



DF3BF7



53F73B

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.



00AC74



DF3BF7



629A00

Square

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



DF3BF7



F85000



00A700



00ABFF

Rectangle

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



DF3BF7



FF0066



00A700



00AEB3

Sweetspot

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



DF3BF7



F8C4FF



3B54F7



7B5C80



000000



808080

Same Dimension

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



DF3BF7



E117FF



F73BB2



796E7A



A200BA



33003B

Inverse Universe

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



F73B53



FF1735



3BF780



7A6E70



BA0018



3B0007

Previews

White Background



This preview shows how the Hex color DF3BF7 looks on a white background.

Color Contrast Check

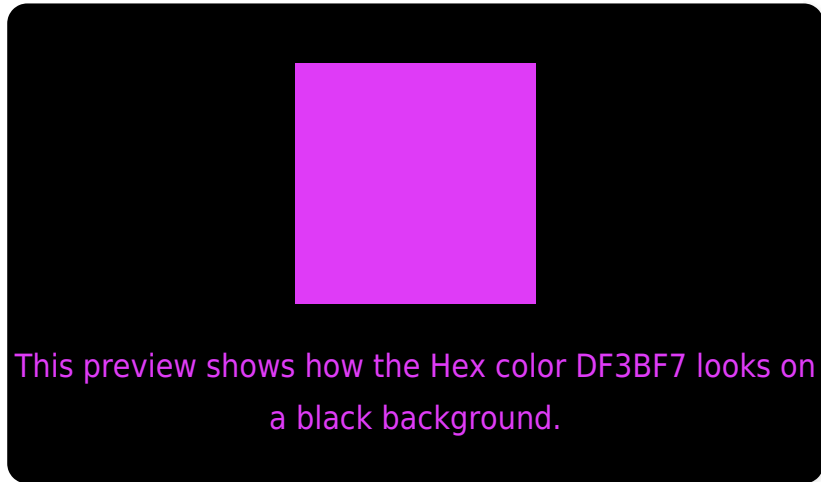
Large Text (above 18pt) WCAG AA ✓ Pass

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

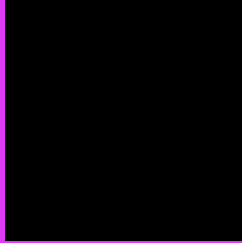
Any Text WCAG AA ✓ Pass

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 DF3BF7 Background



This preview shows how black text looks on a background with the Hex color DF3BF7.

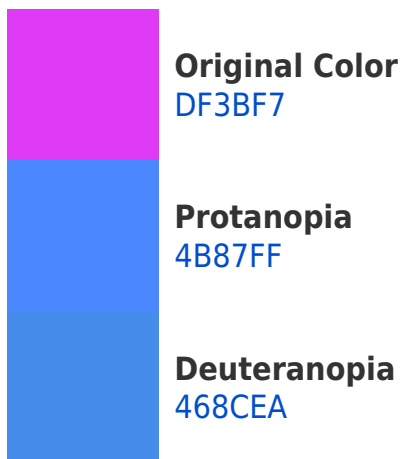



This preview shows how white text looks on a background with the Hex color DF3BF7.

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](#).

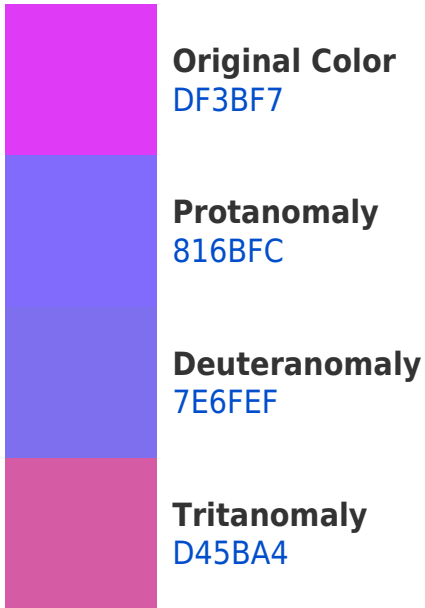
Dichromacy



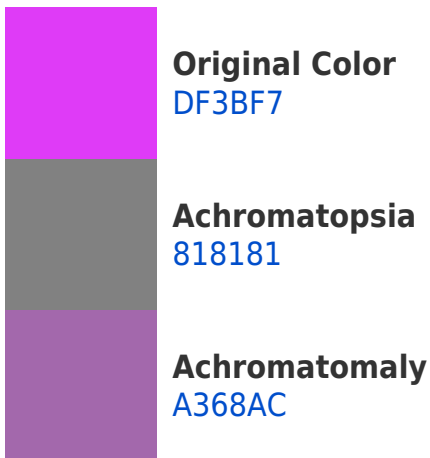


Tritanopia
CE6D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF3BF7 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 #DF3BF7 looks like.

```
.text, #text, p{  
  color:#DF3BF7  
}
```

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 #DF3BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF3BF7
}
```

Border

The CSS property to change the border of an element to Hex DF3BF7 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
#DF3BF7 }
```

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

```
.border{ border-color:#DF3BF7 }
```

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

Here you see how a box with a 4 pixel #DF3BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF3BF7; -webkit-box-shadow:4px 4px  
4px 4px #DF3BF7; box-shadow:4px 4px 4px  
4px #DF3BF7 }
```

Background

The CSS property to change the background color of an element to Hex DF3BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF3BF7 }
```

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

```
.background{ background-color:#DF3BF7 }
```

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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