

Converting Colors

Hex(DF52F7)

Have a look what the booklet for
Hex(DF52F7) contains.

Hex(DF52F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DF52F7)

Conversions

Conversions Part 1

Format	Color
Hex	DF52F7
RGB	223, 82, 247
RGB Percent	87%, 32%, 97%
CMY	0.1255, 0.6784, 0.0314
CMYK	0.10, 0.67, 0.00, 0.03
HSL	291°, 91%, 65%
HSV	291°, 67%, 97%
XYZ	50.2372, 28.4380, 90.8370
YIQ	142.9690, 31.0710, 81.2070

Conversions

Conversions Part 2

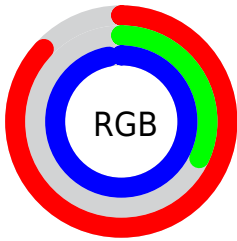
Format	Color
R _{YB}	223, 82, 247
Decimal	14635767
CIE _{Lab}	60.28, 75.46, -56.76
CIE _{LCh}	60, 94.423, 323.053
Y _{xy}	28.4380, 0.2964, 0.1678
Android (android.graphics.Color)	4292825847 (0xFFDF52F7)
YUV	142.9690, 51.2873, 70.1872
Hunter-Lab	53.3273, 74.8342, -63.6648

Details

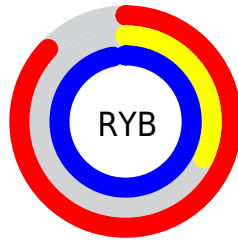
The Hex color **DF52F7** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **6AF752**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8DFF**, and **A400BE** is the 20% darker color. If you saturate the color by 10%, you get **DB39F7**, and if you desaturate by 10%, it is **E36BF7**.

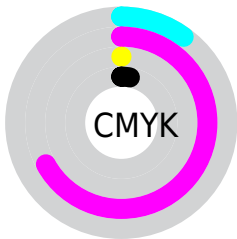
Distribution



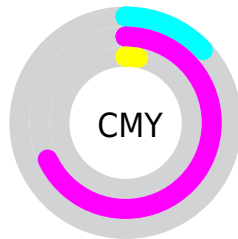
- Red (87%)
- Green (32%)
- Blue (97%)



- Red (87%)
- Yellow (32%)
- Blue (97%)



- Cyan (10%)
- Magenta (67%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (68%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF52F7 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 DF52F7 by changing the saturation by 10% instead.

 DF52F7

 DF52F7

FFFFFF

 C131DA

 FF8DF7

 A400BE

 FFAAFF

 8700A2


 FFC7FF

 6A0087

 FFE5FF

 4E006D

 340054

 11003C

 000225

 00010D

 DF52F7

 DF52F7

 DB39F7

 E36BF7

 D821F7

 E683F7

 D408F7

 EA9CF7

 D300F7

 EDB5F7

 F1CEF7

 F5E6F7

 F8FFF7

 FCFFF7

 FFFFF7

Harmonies

Analogous

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



4684FF



DF52F7



FF00A8

Triad

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



DF52F7



C08700



00B4D1

Complementary

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



DF52F7



6AF752

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.



00B27B



DF52F7



72A000

Square

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



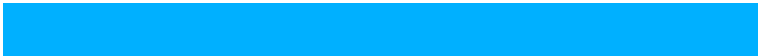
DF52F7



FB5E00



00AD18



00B0FF

Rectangle

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



DF52F7



FF0071



00AD18



00B4B5

Sweetspot

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



DF52F7



F8CCFF



526BF7



7B6180



000000



808080

Same Dimension

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



DF52F7



E133FF



F752BD



796E7A



9F00BA



32003B

Inverse Universe

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



F7526A



FF3351



52F78C



7A6E70



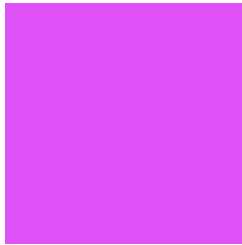
BA001B



3B0009

Previews

White Background



This preview shows how the Hex color DF52F7 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

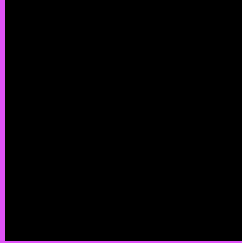
Any Text WCAG AA ✓ Pass

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 DF52F7 Background



This preview shows how black text looks on a background with the Hex color DF52F7.

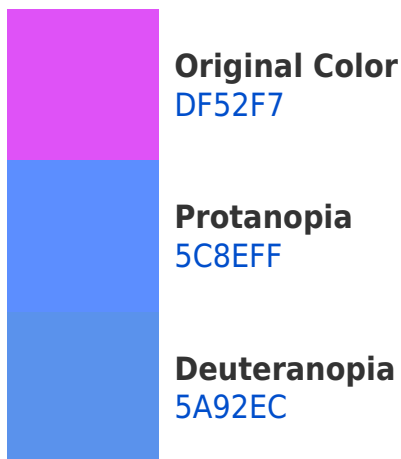


This preview shows how white text looks on a background with the Hex color DF52F7.

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](#).

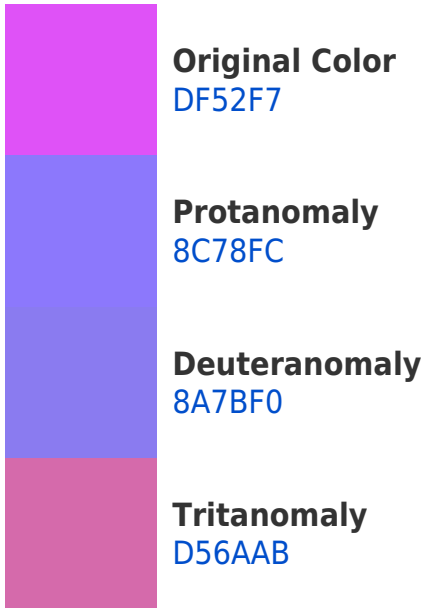
Dichromacy



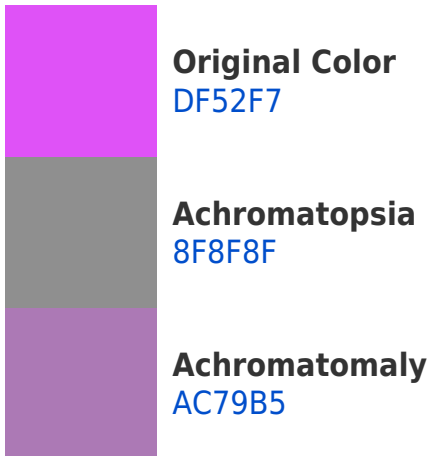


Tritanopia
CF7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF52F7 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 #DF52F7 looks like.

```
.text, #text, p{  
  color:#DF52F7  
}
```

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 #DF52F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF52F7
}
```

Border

The CSS property to change the border of an element to Hex DF52F7 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
#DF52F7 }
```

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

```
.border{ border-color:#DF52F7 }
```

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

Here you see how a box with a 4 pixel #DF52F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF52F7; -webkit-box-shadow:4px 4px  
4px 4px #DF52F7; box-shadow:4px 4px 4px  
4px #DF52F7 }
```

Background

The CSS property to change the background color of an element to Hex DF52F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF52F7 }
```

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

```
.background{ background-color:#DF52F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor