

# Converting Colors

Hex(D853F6)

Have a look what the booklet for  
Hex(D853F6) contains.

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**Color**

**Hex(D853F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D853F6
RGB	216, 83, 246
RGB Percent	85%, 33%, 96%
CMY	0.1529, 0.6745, 0.0353
CMYK	0.12, 0.66, 0.00, 0.04
HSL	289°, 90%, 65%
HSV	289°, 66%, 96%
XYZ	48.0467, 27.4393, 89.9527
YIQ	141.3490, 26.9450, 78.8890

# Conversions

## Conversions Part 2

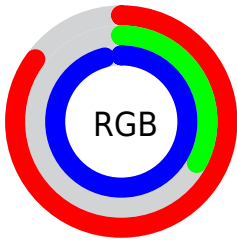
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	216, 83, 246
Decimal	14177270
CIE <sub>Lab</sub>	59.38, 73.39, -57.70
CIE <sub>LCh</sub>	59, 93.359, 321.826
Yxy	27.4393, 0.2904, 0.1659
Android (android.graphics.Color)	4292367350 (0xFFD853F6)
YUV	141.3490, 51.5929, 65.4689
Hunter-Lab	52.3825, 72.0559, -65.1468

# Details

The Hex color **D853F6** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **71F653**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF8DFF**, and **9D01BD** is the 20% darker color. If you saturate the color by 10%, you get **D33AF6**, and if you desaturate by 10%, it is **DD6CF6**.

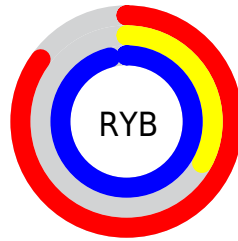
# Distribution



Red (85%)

Green (33%)

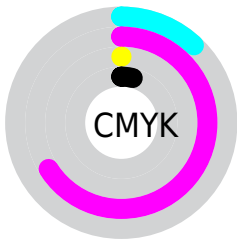
Blue (96%)



Red (85%)

Yellow (33%)

Blue (96%)

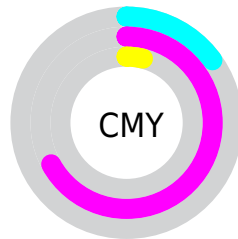


Cyan (12%)

Magenta (66%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (67%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D853F6 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 D853F6 by changing the saturation by 10% instead.



 D853F6

 D853F6

FFFFFF

 BA33D9

 FF8DFF

 9D01BD

 FFAAFF

 8000A1

 FFC7FF

 640086

 FFE5FF

 47006C

 2D0053

 05003B

 000224

 00000C

 D853F6

 D853F6

 D33AF6

 DD6CF6

 CF22F6

 E184F6

 CA09F6

 E69DF6

 C900F6

 EAB5F6

 EFCEF6

 F3E7F6

 F8FFF6

 FCFFF6

 FFFFF6

# Harmonies

## Analogous

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



3484FF



D853F6



FF00A9

# Triad

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



D853F6



C08400



00B1CA

# Complementary

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



D853F6



71F653

# 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.



00AF75



D853F6



749D00

# Square

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



D853F6



F95A00



00AA10



00AEFF

# Rectangle

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



D853F6



FF0073



00AA10



00B1AF



# Sweetspot

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



D853F6



F6CCFF



5374F6



7A6180



000000



808080



# Same Dimension

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



D853F6



D933FF



F653C5



786E7A



9800BA



30003B



# Inverse Universe

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



F65371



FF3359



53F684



7A6E70



BA0022

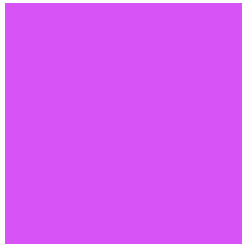


3B000B



# Previews

## White Background



This preview shows how the Hex color D853F6 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

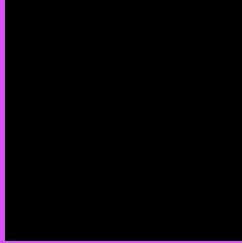
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D853F6 Background



This preview shows how black text looks on a background with the Hex color D853F6.



This preview shows how white text looks on a background with the Hex color D853F6.

# 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**  
C87881

# Trichromacy



**Original Color**  
D853F6



**Protanomaly**  
8677FC



**Deuteranomaly**  
847AEF



**Tritanomaly**  
CE6BAC

# Monochromacy



**Original Color**  
D853F6



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
A878B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D853F6 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 #D853F6 looks like.

```
.text, #text, p{  
    color:#D853F6  
}
```

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 #D853F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D853F6
}
```

## Border

The CSS property to change the border of an element to Hex D853F6 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
#D853F6 }
```

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

```
.border{ border-color:#D853F6 }
```

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

Here you see how a box with a 4 pixel #D853F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D853F6; -webkit-box-shadow:4px 4px  
4px 4px #D853F6; box-shadow:4px 4px 4px  
4px #D853F6 }
```

# Background

The CSS property to change the background color of an element to Hex D853F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D853F6 }
```

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

```
.background{ background-color:#D853F6 }
```

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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