

Converting Colors

Hex(ED75FD)

Have a look what the booklet for
Hex(ED75FD) contains.

Hex(ED75FD)	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(ED75FD)

Conversions

Conversions Part 1

Format	Color
Hex	ED75FD
RGB	237, 117, 253
RGB Percent	93%, 46%, 99%
CMY	0.0706, 0.5412, 0.0078
CMYK	0.06, 0.54, 0.00, 0.01
HSL	293°, 97%, 73%
HSV	293°, 54%, 99%
XYZ	59.0160, 37.8190, 97.1178
YIQ	168.3840, 27.8640, 67.7360

Conversions

Conversions Part 2

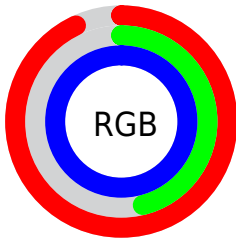
Format	Color
RYB	237, 117, 253
Decimal	15562237
CIELab	67.89, 64.98, -47.89
CIELCh	68, 80.718, 323.611
Yxy	37.8190, 0.3043, 0.1950
Android (android.graphics.Color)	4293752317 (0xFFED75FD)
YUV	168.3840, 41.7157, 60.1762
Hunter-Lab	61.4971, 63.6783, -50.5843

Details

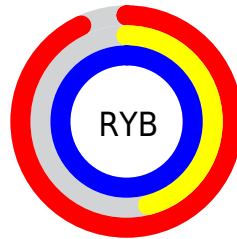
The Hex color **ED75FD** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **85FD75**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFADFF**, and **B23CC4** is the 20% darker color. If you saturate the color by 10%, you get **EA5CFD**, and if you desaturate by 10%, it is **F08EFD**.

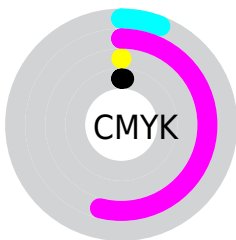
Distribution



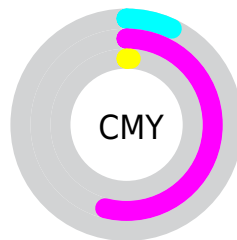
- Red (93%)
- Green (46%)
- Blue (99%)



- Red (93%)
- Yellow (46%)
- Blue (99%)



- Cyan (6%)
- Magenta (54%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (54%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED75FD 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 ED75FD by changing the saturation by 10% instead.

 ED75FD

 ED75FD

FFFFFF

 CF59E0

 FFADFF

 B23CC4

 FFCAFF

 961AA8

 FFE7FF

 7A008D

 5E0073

 43005A

 2A0042

 00002A

 000114

 ED75FD

 ED75FD

 EA5CFD


 F08EFD

 E742FD

 F3A8FD

 E429FD

 F6C1FD

 E110FD

 F9DAFD

 DF00FD

 FCF3FD

 FFFFFD

Harmonies

Analogous

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



8099FF



ED75FD



FF57B8

Triad

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



ED75FD



D39D00



00C6DE

Complementary

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



ED75FD



85FD75

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.



00C593



ED75FD



8FB300

Square

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



ED75FD



FF7D2B



01BF48



00C1FF

Rectangle

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



ED75FD



FF5688



01BF48



00C6C6

Sweetspot

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



ED75FD



FAD6FF



7587FD



7D6780



000000



808080

Same Dimension

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



ED75FD



EC59FF



FD75CB



7E7380



A900BF



380040

Inverse Universe

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



FD7585



FF596D



75FDA7



807374



BF0016



400007

Previews

White Background



This preview shows how the Hex color ED75FD looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex ED75FD Background



This preview shows how black text looks on a background with the Hex color ED75FD.

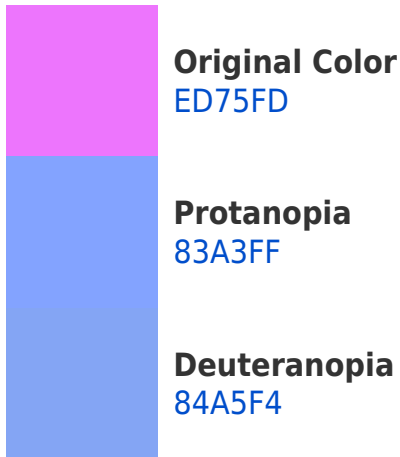


This preview shows how white text looks on a background with the Hex color ED75FD.

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
E08E99

Trichromacy



Original Color
ED75FD



Protanomaly
AA92FE



Deuteranomaly
AA94F7

Tritanomaly
E585BD

Monochromacy



Original Color
ED75FD



Achromatopsia
A8A8A8



Achromatomaly
C195C7

CSS Examples

Text

The CSS property to change the color of the text to Hex ED75FD 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 #ED75FD looks like.

```
.text, #text, p{  
    color:#ED75FD  
}
```

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 #ED75FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED75FD
}
```

Border

The CSS property to change the border of an element to Hex ED75FD 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
#ED75FD }
```

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

```
.border{ border-color:#ED75FD }
```

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

Here you see how a box with a 4 pixel #ED75FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED75FD; -webkit-box-shadow:4px 4px  
4px 4px #ED75FD; box-shadow:4px 4px 4px  
4px #ED75FD }
```

Background

The CSS property to change the background color of an element to Hex ED75FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED75FD }
```

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

```
.background{ background-color:#ED75FD }
```

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