

Converting Colors

Hex(A85DFD)

Have a look what the booklet for
Hex(A85DFD) contains.

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Color

Hex(A85DFD)

Conversions

Conversions Part 1

Format	Color
Hex	A85DFD
RGB	168, 93, 253
RGB Percent	66%, 36%, 99%
CMY	0.3412, 0.6353, 0.0078
CMYK	0.34, 0.63, 0.00, 0.01
HSL	268°, 98%, 68%
HSV	268°, 63%, 99%
XYZ	37.7924, 23.2454, 95.4234
YIQ	133.6650, -6.6600, 65.6600

Conversions

Conversions Part 2

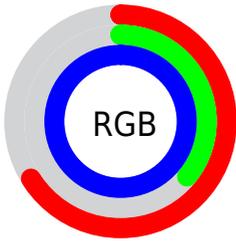
Format	Color
R_{YB}	168, 93, 253
Decimal	11034109
CIE _{Lab}	55.32, 60.24, -68.42
CIE _{LCh}	55, 91.160, 311.361
Yxy	23.2454, 0.2415, 0.1486
Android (android.graphics.Color)	4289224189 (0xFFA85DFD)
YUV	133.6650, 58.8322, 30.1118
Hunter-Lab	48.2135, 55.5448, -83.5965

Details

The Hex color **A85DFD** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B2FD5D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E393FF**, and **6D27C3** is the 20% darker color. If you saturate the color by 10%, you get **9B44FD**, and if you desaturate by 10%, it is **B576FD**.

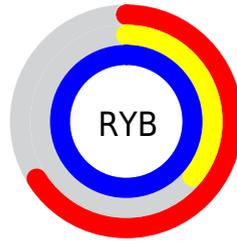
Distribution



Red (66%)

Green (36%)

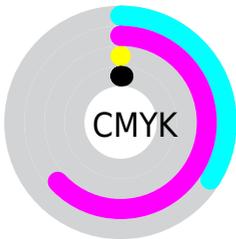
Blue (99%)



Red (66%)

Yellow (36%)

Blue (99%)

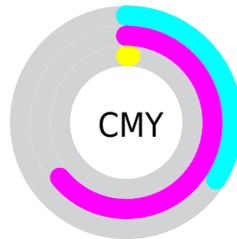


Cyan (34%)

Magenta (63%)

Yellow (0%)

Black (1%)



Cyan (34%)

Magenta (64%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color A85DFD 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 A85DFD by changing the saturation by 10% instead.

 A85DFD

 A85DFD

FFFFFF

 8B42E0

 E393FF

 6D27C3

 FFAFFF

 5001A7

 FFCBFF

 2F008C

 FFE8FF

 000072

 000058

 000740

 000329

 000113

 A85DFD

 A85DFD

 9B44FD

 B576FD

 8D2AFD

 C390FD

 8011FD

 D0A9FD

 7700FD

 DEC2FD

 EBDCFD

 F9F5FD

FFFFFFD

Harmonies

Analogous

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



0085FF



A85DFD



F412B9

Triad

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



A85DFD



C86E00



00A5A2

Complementary

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



A85DFD



B2FD5D

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.



00A24E



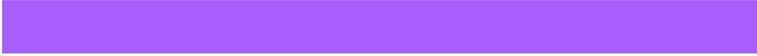
A85DFD



868B00

Square

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



A85DFD



F73D1A



0C9B00



00A4ED

Rectangle

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



A85DFD



FF0085



0C9B00



00A486

Sweetspot

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



A85DFD



E5CFFF



5DB2FD



706280



000000



808080

Same Dimension

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



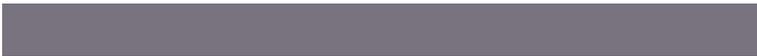
A85DFD



983DFF



F85DFD



797380



5A00BF



1E0040

Inverse Universe

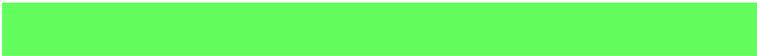
The Inverse Universe completely reimagines the original color for something new.



FD5DB2



FF3DA4



62FD5D



80737A



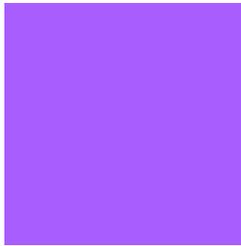
BF0066



400022

Previews

White Background



This preview shows how the Hex color A85DFD looks on a white background.

Color Contrast Check

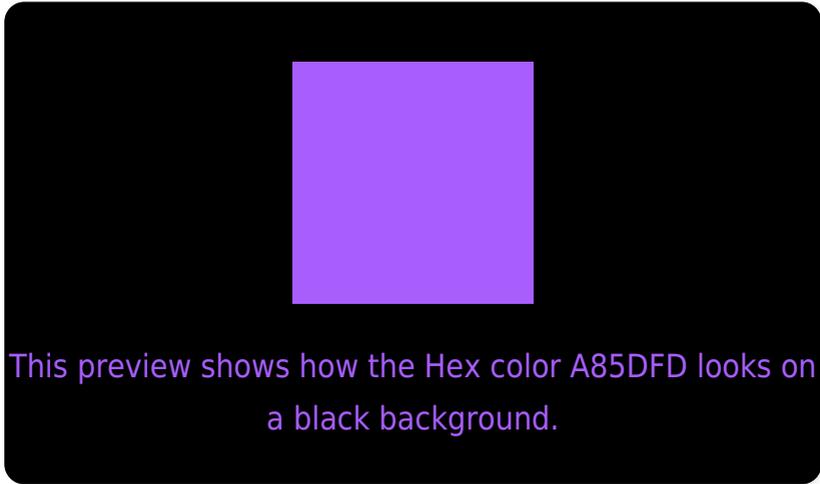
Large Text (above 18pt) WCAG AA ✓ Pass

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

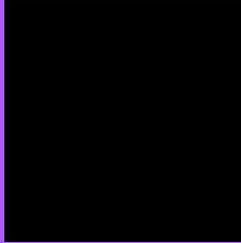
Any Text WCAG AA ✓ Pass

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 A85DFD Background



This preview shows how black text looks on a background with the Hex color A85DFD.



This preview shows how white text looks on a background with the Hex color A85DFD.

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](#).

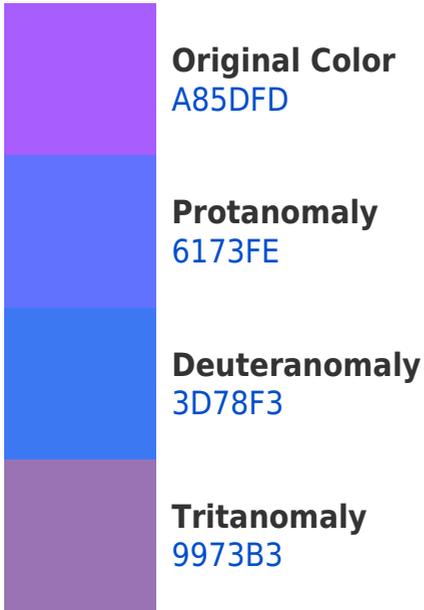
Dichromacy





Tritanopia
917F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A85DFD 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 #A85DFD looks like.

```
.text, #text, p{  
    color:#A85DFD  
}
```

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 #A85DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85DFD
}
```

Border

The CSS property to change the border of an element to Hex A85DFD 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
#A85DFD }
```

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

```
.border{ border-color:#A85DFD }
```

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

Here you see how a box with a 4 pixel #A85DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85DFD; -webkit-box-shadow:4px 4px  
4px 4px #A85DFD; box-shadow:4px 4px 4px  
4px #A85DFD }
```

Background

The CSS property to change the background color of an element to Hex A85DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85DFD }
```

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

```
.background{ background-color:#A85DFD }
```

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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