

Converting Colors

Hex(A40EFD)

Have a look what the booklet for
Hex(A40EFD) contains.

| | |
|--|----|
| Hex(A40EFD) | 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(A40EFD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A40EFD |
| RGB | 164, 14, 253 |
| RGB Percent | 64%, 5%, 99% |
| CMY | 0.3569, 0.9451, 0.0078 |
| CMYK | 0.35, 0.94, 0.00, 0.01 |
| HSL | 278°, 98%, 52% |
| HSV | 278°, 94%, 99% |
| XYZ | 33.1965, 15.2984, 94.1317 |
| YIQ | 86.0960, 12.6810, 106.1290 |

Conversions

Conversions Part 2

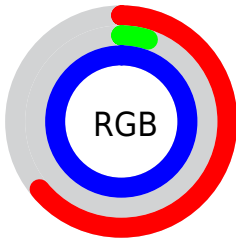
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 164, 14, 253 |
| Decimal | 10751741 |
| CIELab | 46.04, 84.70, -83.56 |
| CIElCh | 46, 118.983, 315.389 |
| Yxy | 15.2984, 0.2328, 0.1073 |
| Android (android.graphics.Color) | 4288941821 (0xFFA40EFD) |
| YUV | 86.0960, 82.2837, 68.3218 |
| Hunter-Lab | 39.1132, 83.0499, -115.3109 |

Details

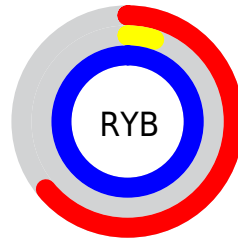
The Hex color **A40EFD** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **67FD0E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E25CFF**, and **6600C3** is the 20% darker color. If you saturate the color by 10%, you get **9F00FD**, and if you desaturate by 10%, it is **AD27FD**.

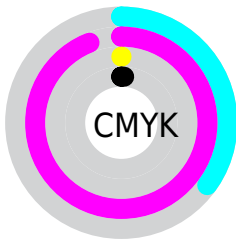
Distribution



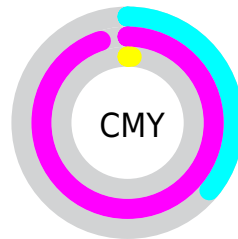
- Red (64%)
- Green (5%)
- Blue (99%)



- Red (64%)
- Yellow (5%)
- Blue (99%)



- Cyan (35%)
- Magenta (94%)
- Yellow (0%)
- Black (1%)



- Cyan (36%)
- Magenta (95%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color A40EFD 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 A40EFD by changing the saturation by 10% instead.

 A40EFD

 A40EFD

FFFFFF

 8500E0

 E25CFF

 6600C3

 FF7AFF

 4500A7

 FF98FF

 1B008B

 FFB5FF

 000071

 FFD3FF

 000057

 FFF1FF

 00063F

 000328

 000111

 A40EFD

 A40EFD

 9F00FD

 AD27FD

 B741FD

 C05AFD

 CA73FD

 D38DFD

 DDA6FD

 E6BFFD

 EFD8FD

 F9F2FD

Harmonies

Analogous

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



006DFF



A40EFD



FC00A2

Triad

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



A40EFD



AC5600



008FA0

Complementary

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



A40EFD



67FD0E

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.



008C35



A40EFD



547900

Square

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



A40EFD



EB0000



008700



0090FD

Rectangle

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



A40EFD



FF0061



008700



008E7E

Sweetspot

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



A40EFD



E4B8FF



0E6AFD



6F5480



000000



808080

Same Dimension

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



A40EFD



A000FF



FD0EE1



7B7380



7800BF



280040

Inverse Universe

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



FD0E67



FF005F



0EFD2A



807377



BF0047



400018

Previews

White Background



This preview shows how the Hex color A40EFD looks on a white background.

Color Contrast Check

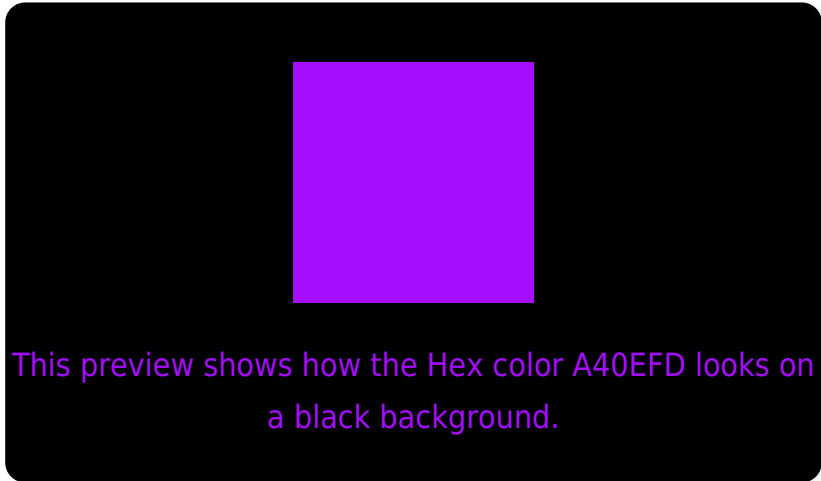
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex A40EFD Background



This preview shows how black text looks on a background with the Hex color A40EFD.

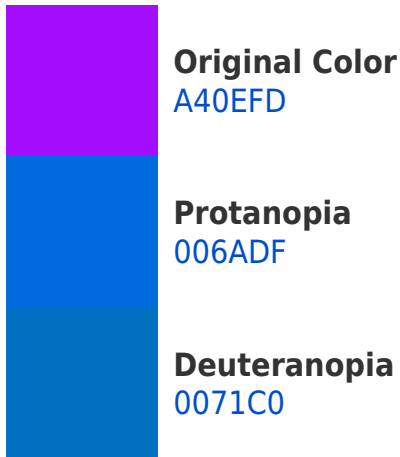


This preview shows how white text looks on a background with the Hex color A40EFD.

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](#).

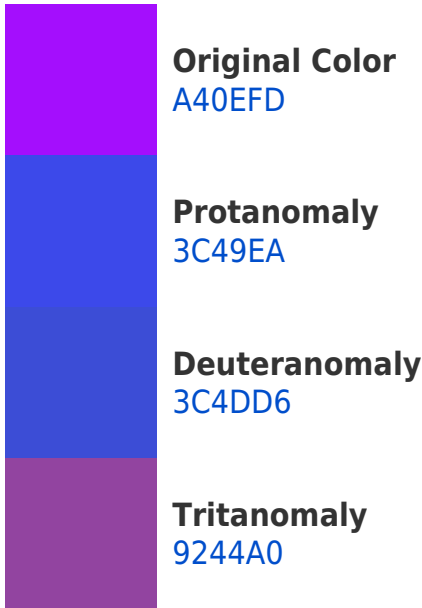
Dichromacy



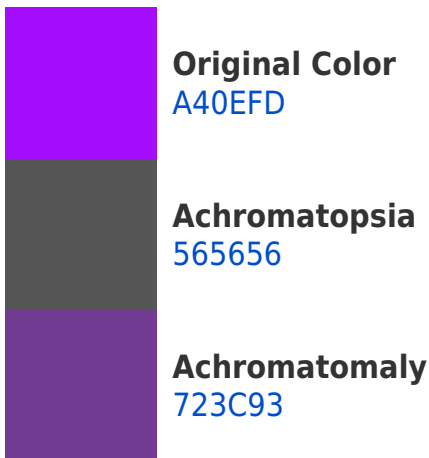


Tritanopia
88636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A40EFD 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 #A40EFD looks like.

```
.text, #text, p{  
    color:#A40EFD  
}
```

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 #A40EFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A40EFD
}
```

Border

The CSS property to change the border of an element to Hex A40EFD 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
#A40EFD }
```

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

```
.border{ border-color:#A40EFD }
```

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

Here you see how a box with a 4 pixel #A40EFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A40EFD; -webkit-box-shadow:4px 4px  
4px 4px #A40EFD; box-shadow:4px 4px 4px  
4px #A40EFD }
```

Background

The CSS property to change the background color of an element to Hex A40EFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A40EFD }
```

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

```
.background{ background-color:#A40EFD }
```

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](#)