

Converting Colors

Hex(946FDD)

Have a look what the booklet for
Hex(946FDD) contains.

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Color

Hex(946FDD)

Conversions

Conversions Part 1

Format	Color
Hex	946FDD
RGB	148, 111, 221
RGB Percent	58%, 44%, 87%
CMY	0.4196, 0.5647, 0.1333
CMYK	0.33, 0.50, 0.00, 0.13
HSL	260°, 62%, 65%
HSV	260°, 50%, 87%
XYZ	30.9483, 22.8852, 71.1928
YIQ	134.6030, -13.2580, 42.0540

Conversions

Conversions Part 2

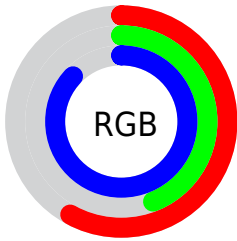
Format	Color
R _Y B	148, 111, 221
Decimal	9727965
CIE Lab	54.95, 38.15, -51.25
CIE LCh	55, 63.892, 306.659
Yxy	22.8852, 0.2475, 0.1830
Android (android.graphics.Color)	4287918045 (0xFF946FDD)
YUV	134.6030, 42.5937, 11.7492
Hunter-Lab	47.8385, 31.7602, -54.7478

Details

The Hex color **946FDD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B8DD6F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CDA3FF**, and **5D3EA5** is the 20% darker color. If you saturate the color by 10%, you get **8559DD**, and if you desaturate by 10%, it is **A385DD**.

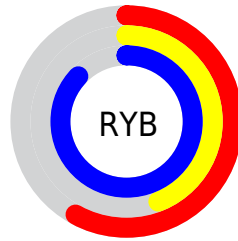
Distribution



Red (58%)

Green (44%)

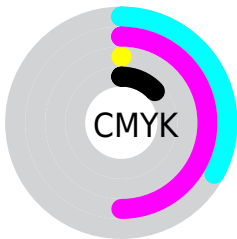
Blue (87%)



Red (58%)

Yellow (44%)

Blue (87%)

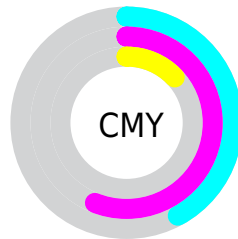


Cyan (33%)

Magenta (50%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (56%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946FDD 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 946FDD by changing the saturation by 10% instead.

 946FDD

 946FDD

FFFFFF

 7856C1

 CDA3FF

 5D3EA5

 EABFFF

 41278A

 FFDBFF

 240F70

 FFF8FF

 000057

 00003F

 000328

 000112

 000000

946FDD

946FDD

8559DD

A385DD

7743DD

B19BDD

682DDD

C0B1DD

5917DD

CFC7DD

4B01DD

DDDEDD

4A00DD

ECF4DD

FBFFDD

FFFFDD

Harmonies

Analogous

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



0086F2



946FDD



CF55B0

Triad

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



946FDD



C07012



009D8F

Complementary

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



946FDD



B8DD6F

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.



009A55



946FDD



928500

Square

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



946FDD



DE5844



58931E



009CC4

Rectangle

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



946FDD



E14A8C



58931E



009C7B

Sweetspot

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



946FDD



E6D9FF



6FB8DD



706980



000000



808080

Same Dimension

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



946FDD



9966FF



CB6FDD



66636E



3A00AD



0F002E

Inverse Universe

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



DD6FB8



FF66CC



81DD6F



6E636A



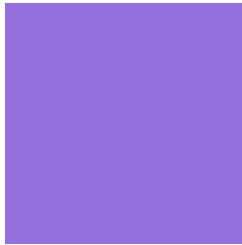
AD0073



2E001E

Previews

White Background



This preview shows how the Hex color 946FDD looks on a white background.

Color Contrast Check

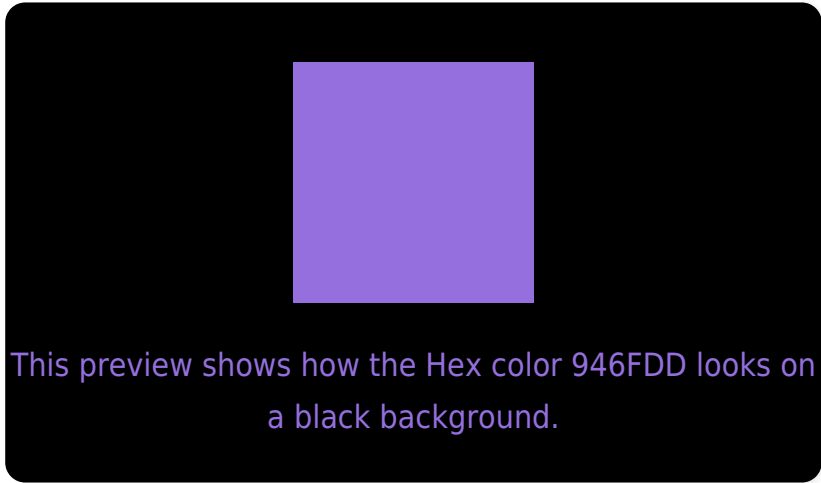
Large Text (above 18pt) WCAG AA ✓ Pass

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 946FDD Background



This preview shows how black text looks on a background with the Hex color 946FDD.

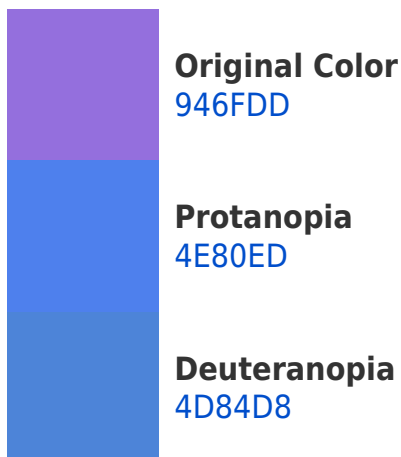



This preview shows how white text looks on a background with the Hex color 946FDD.

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](#).

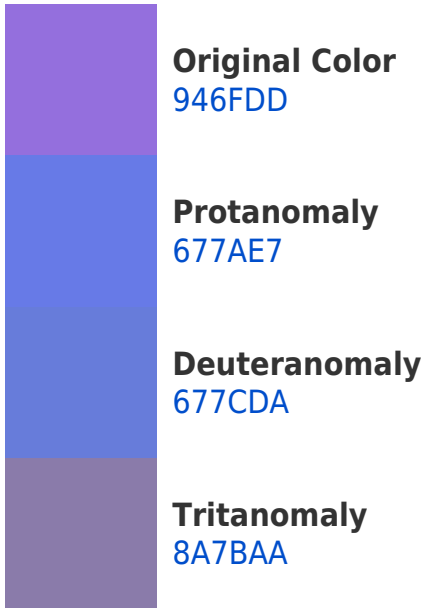
Dichromacy



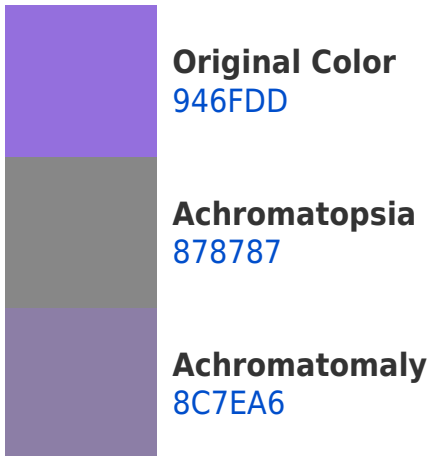


Tritanopia
84828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 946FDD 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 #946FDD looks like.

```
.text, #text, p{  
    color:#946FDD  
}
```

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 #946FDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946FDD
}
```

Border

The CSS property to change the border of an element to Hex 946FDD 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
#946FDD }
```

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

```
.border{ border-color:#946FDD }
```

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

Here you see how a box with a 4 pixel #946FDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946FDD; -webkit-box-shadow:4px 4px  
4px 4px #946FDD; box-shadow:4px 4px 4px  
4px #946FDD }
```

Background

The CSS property to change the background color of an element to Hex 946FDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946FDD }
```

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

```
.background{ background-color:#946FDD }
```

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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