

Converting Colors

Hex(A946EC)

Have a look what the booklet for
Hex(A946EC) contains.

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Color

Hex(A946EC)

Conversions

Conversions Part 1

Format	Color
Hex	A946EC
RGB	169, 70, 236
RGB Percent	66%, 27%, 93%
CMY	0.3373, 0.7255, 0.0745
CMYK	0.28, 0.70, 0.00, 0.07
HSL	276°, 81%, 60%
HSV	276°, 70%, 93%
XYZ	33.6927, 18.8715, 81.2236
YIQ	118.5250, 5.7180, 72.6140

Conversions

Conversions Part 2

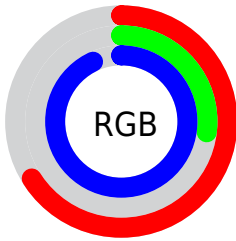
Format	Color
RYB	169, 70, 236
Decimal	11093740
CIELab	50.54, 67.07, -66.67
CIElCh	51, 94.566, 315.171
Yxy	18.8715, 0.2518, 0.1411
Android (android.graphics.Color)	4289283820 (0xFFA946EC)
YUV	118.5250, 57.9152, 44.2666
Hunter-Lab	43.4413, 62.4207, -80.4476

Details

The Hex color **A946EC** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **89EC46**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E47EFF**, and **6F00B3** is the 20% darker color. If you saturate the color by 10%, you get **9F2EEC**, and if you desaturate by 10%, it is **B35EEC**.

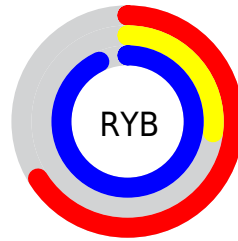
Distribution



Red (66%)

Green (27%)

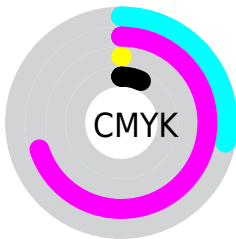
Blue (93%)



Red (66%)

Yellow (27%)

Blue (93%)

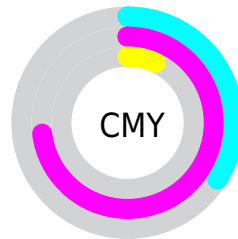


Cyan (28%)

Magenta (70%)

Yellow (0%)

Black (7%)



Cyan (34%)

Magenta (73%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color A946EC 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 A946EC by changing the saturation by 10% instead.

 A946EC

 A946EC

FFFFFF

 8C28CF

 E47EFF

 6F00B3

 FF9AFF

 510098

 FFB6FF

 32007D

 FFD3FF

 110063

 FFF0FF

 00004A

 000432

 00021C

 000000

 A946EC

 A946EC

 9F2EEC

 B35EEC

 9617EC

 BC75EC

 8D00EC

 C68DEC

 CFA4EC

 D9BCEC

 E2D4EC

 ECEBEC

 F5FFEC

 FFFFEC

Harmonies

Analogous

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



0076FF



A946EC



EF00A4

Triad

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



A946EC



B36600



0098A1

Complementary

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



A946EC



89EC46

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.



00964C



A946EC



6D8200

Square

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



A946EC



E63000



008F00



0097EB

Rectangle

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



A946EC



FE006E



008F00



009885

Sweetspot

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



A946EC



E9C9FF



468BEC



736080



000000



808080

Same Dimension

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



A946EC



A929FF



EC46DE



716A75



6C00B5



200036

Inverse Universe

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



EC4689



FF297F



46EC54



756A6E



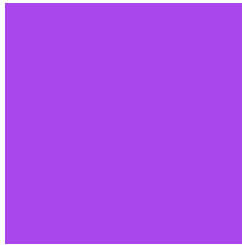
B50049



360016

Previews

White Background



This preview shows how the Hex color A946EC looks on a white background.

Color Contrast Check

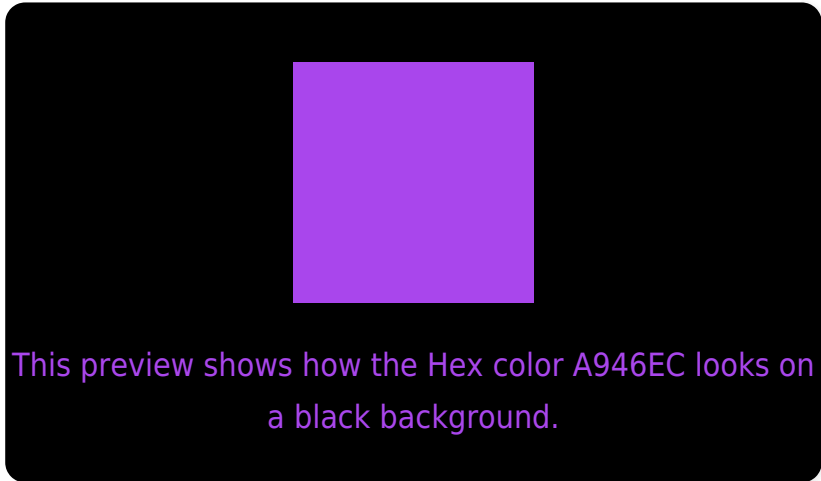
Large Text (above 18pt) WCAG AA ✓ Pass

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

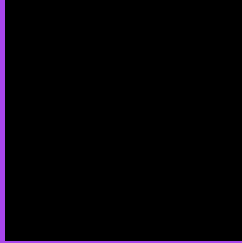
Any Text WCAG AA ✓ Pass

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 A946EC Background



This preview shows how black text looks on a background with the Hex color A946EC.

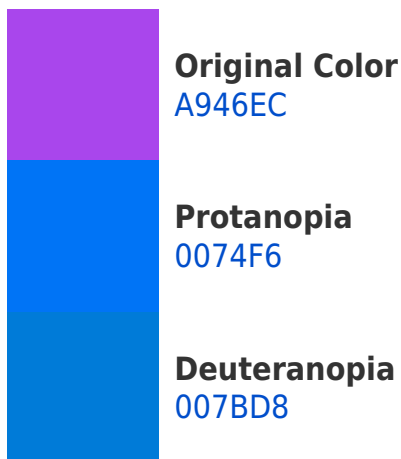


This preview shows how white text looks on a background with the Hex color A946EC.

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
956E76

Trichromacy



Original Color
A946EC



Protanomaly
3D63F2



Deuteranomaly
3D68DF



Tritanomaly
9C5FA1

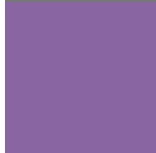
Monochromacy



Original Color
A946EC



Achromatopsia
777777



Achromatomaly
8965A2

CSS Examples

Text

The CSS property to change the color of the text to Hex A946EC 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 #A946EC looks like.

```
.text, #text, p{  
    color:#A946EC  
}
```

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 #A946EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A946EC
}
```

Border

The CSS property to change the border of an element to Hex A946EC 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".

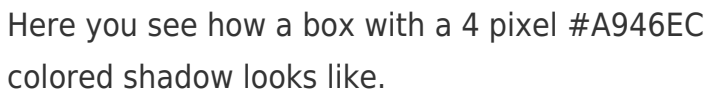
```
.border, #border, table{ border:4px solid
#A946EC }
```

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

```
.border{ border-color:#A946EC }
```

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

Here you see how a box with a 4 pixel #A946EC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A946EC; -webkit-box-shadow:4px 4px  
4px 4px #A946EC; box-shadow:4px 4px 4px  
4px #A946EC }
```

Background

The CSS property to change the background color of an element to Hex A946EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A946EC }
```

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

```
.background{ background-color:#A946EC }
```

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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