

Converting Colors

Hex(946CAE)

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

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Color

Hex(946CAE)

Conversions

Conversions Part 1

Format	Color
Hex	946CAE
RGB	148, 108, 174
RGB Percent	58%, 42%, 68%
CMY	0.4196, 0.5765, 0.3176
CMYK	0.15, 0.38, 0.00, 0.32
HSL	276°, 29%, 55%
HSV	276°, 38%, 68%
XYZ	25.2153, 20.0770, 42.5907
YIQ	127.4840, 2.6540, 29.0060

Conversions

Conversions Part 2

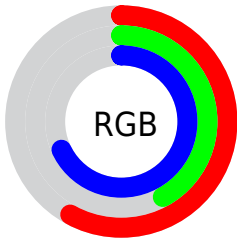
Format	Color
R_{YB}	148, 108, 174
Decimal	9727150
CIE _{Lab}	51.92, 28.50, -29.16
CIE _{LCh}	52, 40.772, 314.347
Yxy	20.0770, 0.2869, 0.2285
Android (android.graphics.Color)	4287917230 (0xFF946CAE)
YUV	127.4840, 22.9324, 17.9925
Hunter-Lab	44.8074, 22.0377, -24.9916

Details

The Hex color **946CAE** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **86AE6C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CBA0E6**, and **603C79** is the 20% darker color. If you saturate the color by 10%, you get **8D5BAE**, and if you desaturate by 10%, it is **9B7DAE**.

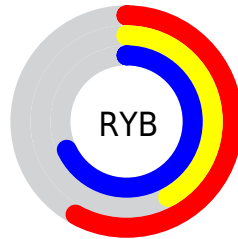
Distribution



Red (58%)

Green (42%)

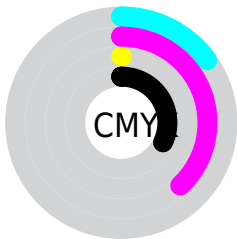
Blue (68%)



Red (58%)

Yellow (42%)

Blue (68%)

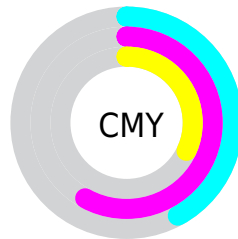


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (58%)

Yellow (32%)

Brightness & Saturation Gradients

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

946CAE

946CAE

FFFFFF

7A5393

CBA0E6

603C79

E7BBFF

472560

FFD7FF

2F0E48

FFF4FF

1B0031

00011C

000000

946CAE

946CAE

8D5BAE

9B7DAE

8649AE

A28FAE

7F38AE

A9A0AE

7926AE

AFB2AE

7215AE

B6C3AE

6B04AE

BDD4AE

6900AE

C4E6AE

CBF7AE

D2FFAE

Harmonies

Analogous

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



5F7ABF



946CAE



B36190

Triad

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



946CAE



A07337



008E8C

Complementary

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



946CAE



86AE6C

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.



1C8C68



946CAE



807F35

Square

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



946CAE



B6674D



598848



008BAC

Rectangle

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



946CAE



BC5E78



598848



008D80

Sweetspot

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



946CAE



D9CAE3



6C86AE



6D6473



F2F2F2



737373

Same Dimension

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



946CAE



BA7BE3



AE6CA7



534E57



5B0096



0E0017

Inverse Universe

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



AE6C86



E37BA4



6CAE73



574E51



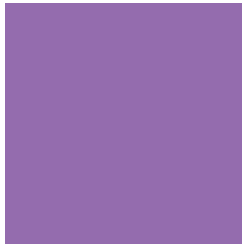
96003B



170009

Previews

White Background



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

Color Contrast Check

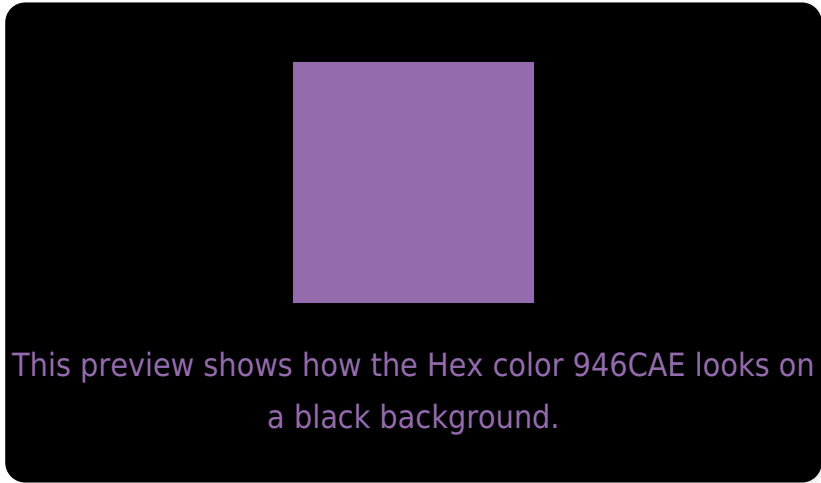
Large Text (above 18pt) WCAG AA ✓ Pass

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 946CAE Background



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

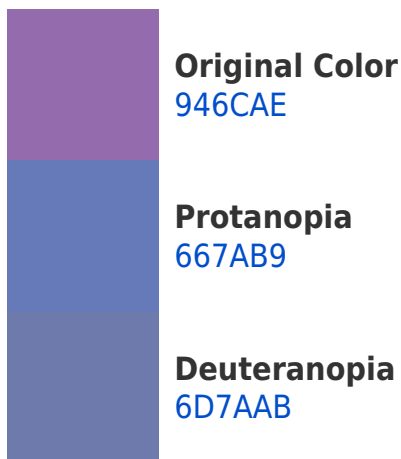



This preview shows how white text looks on a background with the Hex color 946CAE.

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](#).

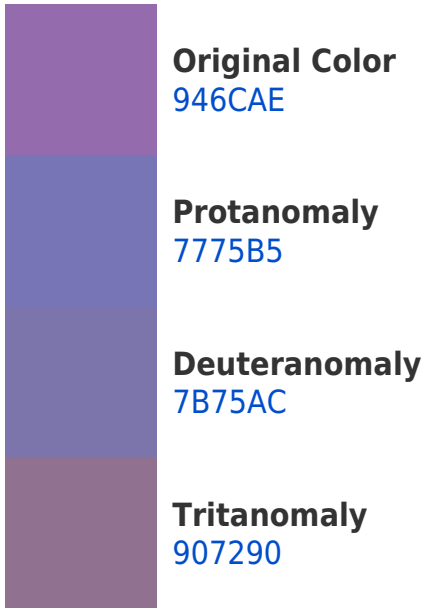
Dichromacy



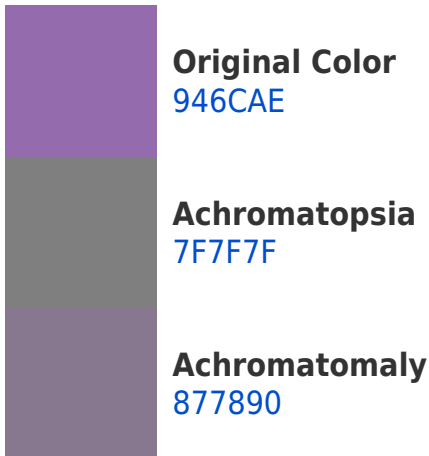


Tritanopia
8D767F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #946CAE colored shadow looks like.

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

Border

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

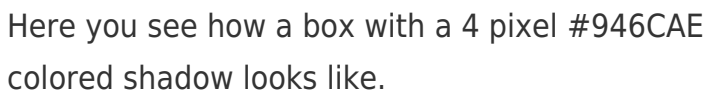
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946CAE }
```

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

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

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



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

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

Background

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

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

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

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

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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