

Converting Colors

Hex(946BA4)

Have a look what the booklet for
Hex(946BA4) contains.

Hex(946BA4)	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(946BA4)

Conversions

Conversions Part 1

Format	Color
Hex	946BA4
RGB	148, 107, 164
RGB Percent	58%, 42%, 64%
CMY	0.4196, 0.5804, 0.3569
CMYK	0.10, 0.35, 0.00, 0.36
HSL	283°, 24%, 53%
HSV	283°, 35%, 64%
XYZ	24.1713, 19.4916, 37.6103
YIQ	125.7570, 6.1390, 26.4190

Conversions

Conversions Part 2

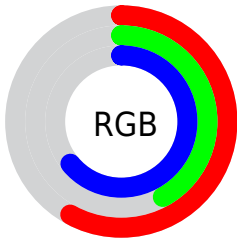
Format	Color
R_{YB}	148, 107, 164
Decimal	9726884
CIE _{Lab}	51.26, 26.88, -24.37
CIE _{LCh}	51, 36.278, 317.803
Yxy	19.4916, 0.2974, 0.2398
Android (android.graphics.Color)	4287916964 (0xFF946BA4)
YUV	125.7570, 18.8538, 19.5071
Hunter-Lab	44.1493, 20.4655, -19.6039

Details

The Hex color **946BA4** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7BA46B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CB9FDB**, and **603B70** is the 20% darker color. If you saturate the color by 10%, you get **8F5BA4**, and if you desaturate by 10%, it is **997BA4**.

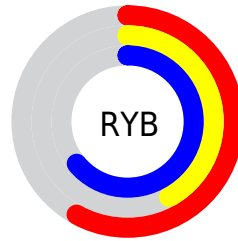
Distribution



Red (58%)

Green (42%)

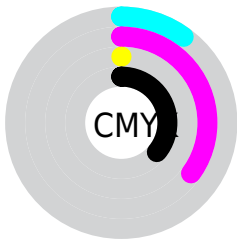
Blue (64%)



Red (58%)

Yellow (42%)

Blue (64%)

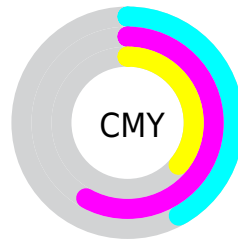


Cyan (10%)

Magenta (35%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946BA4 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 946BA4 by changing the saturation by 10% instead.

946BA4

946BA4

FFFFFF

7A528A

CB9FDB

603B70

E7BAF8

482457

FFD6FF

300E40

FFF2FF

1E002A

000114

000000

946BA4

946BA4

8F5BA4

997BA4

 8B4AA4

 9D8CA4

 863AA4

 A29CA4

 8229A4

 A6ADA4

 7D19A4

 ABBDA4

 7809A4

 B0CDA4

 7600A4

 B4DEA4

 B9EEA4

 BDFFA4

Harmonies

Analogous

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



6977B5



946BA4



AE6288

Triad

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



946BA4



98743D



008A8C

Complementary

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



946BA4



7BA46B

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.



27896C



946BA4



7B7E3D

Square

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



946BA4



AD694D



58854F



0087A7

Rectangle

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



946BA4



B56173



58854F



008A81

Sweetspot

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



946BA4



D0C1D6



6B7BA4



675E6B



EBEBEB



6B6B6B

Same Dimension

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



946BA4



BD7CD6



A46B98



4F4952



690091



0D0012

Inverse Universe

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



A46B7B



D67C95



6BA477



52494C



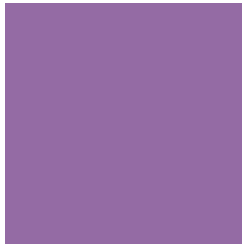
910029



120005

Previews

White Background



This preview shows how the Hex color 946BA4 looks on a white background.

Color Contrast Check

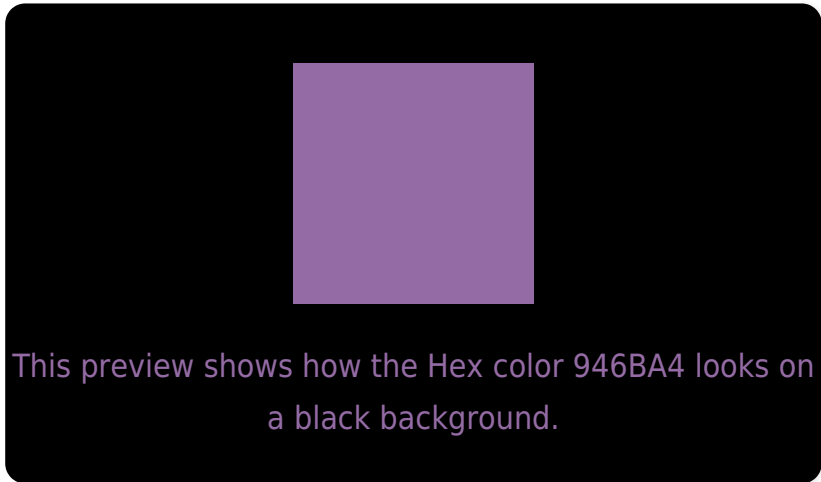
Large Text (above 18pt) WCAG AA ✓ Pass

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

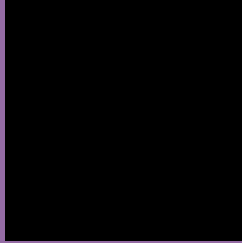
Any Text WCAG AA ✓ Pass

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 946BA4 Background



This preview shows how black text looks on a background with the Hex color 946BA4.

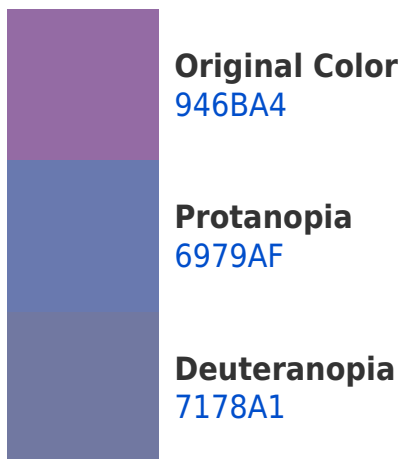


This preview shows how white text looks on a background with the Hex color 946BA4.

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
8E737C

Trichromacy



Original Color
946BA4

Protanomaly
7974AB

Deuteranomaly
7E73A2

Tritanomaly
90708B

Monochromacy



Original Color
946BA4

Achromatopsia
7E7E7E

Achromatomaly
86778C

CSS Examples

Text

The CSS property to change the color of the text to Hex 946BA4 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 #946BA4 looks like.

```
.text, #text, p{  
    color:#946BA4  
}
```

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 #946BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946BA4
}
```

Border

The CSS property to change the border of an element to Hex 946BA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

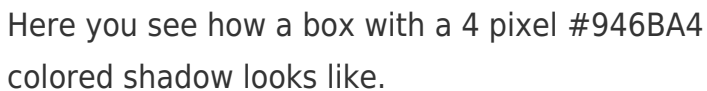
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946BA4 }
```

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

```
.border{ border-color:#946BA4 }
```

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



Here you see how a box with a 4 pixel #946BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946BA4; -webkit-box-shadow:4px 4px  
4px 4px #946BA4; box-shadow:4px 4px 4px  
4px #946BA4 }
```

Background

The CSS property to change the background color of an element to Hex 946BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946BA4 }
```

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

```
.background{ background-color:#946BA4 }
```

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