

Converting Colors

Hex(906AA6)

Have a look what the booklet for
Hex(906AA6) contains.

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Color

Hex(906AA6)

Conversions

Conversions Part 1

Format	Color
Hex	906AA6
RGB	144, 106, 166
RGB Percent	56%, 42%, 65%
CMY	0.4353, 0.5843, 0.3490
CMYK	0.13, 0.36, 0.00, 0.35
HSL	278°, 25%, 53%
HSV	278°, 36%, 65%
XYZ	23.5386, 18.9905, 38.5013
YIQ	124.2020, 3.3880, 26.7160

Conversions

Conversions Part 2

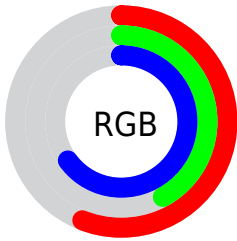
Format	Color
RYB	144, 106, 166
Decimal	9464486
CIELab	50.68, 26.59, -26.47
CIElCh	51, 37.521, 315.135
Yxy	18.9905, 0.2905, 0.2344
Android (android.graphics.Color)	4287654566 (0xFF906AA6)
YUV	124.2020, 20.6064, 17.3628
Hunter-Lab	43.5781, 20.1544, -21.8781

Details

The Hex color **906AA6** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **80A66A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C79EDD**, and **5C3A72** is the 20% darker color. If you saturate the color by 10%, you get **8A59A6**, and if you desaturate by 10%, it is **967BA6**.

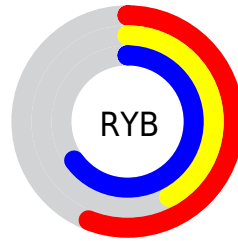
Distribution



Red (56%)

Green (42%)

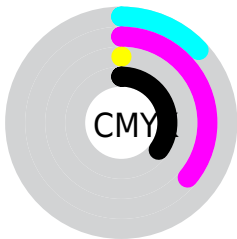
Blue (65%)



Red (56%)

Yellow (42%)

Blue (65%)

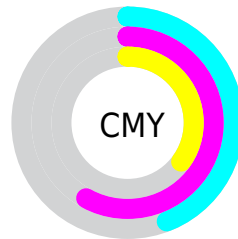


Cyan (13%)

Magenta (36%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 906AA6 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 906AA6 by changing the saturation by 10% instead.

906AA6

906AA6

FFFFFF

76518B

C79EDD

5C3A72

E3B9FA

442359

FFD5FF

2C0D41

FFF1FF

1B002B

000115

000000

906AA6

906AA6

8A59A6

967BA6

8449A6

9C8BA6

7E38A6

A29CA6

7828A6

A8ACA6

7217A6

AEBDA6

6B06A6

B5CEA6

6900A6

BBDEA6

C1EFA6

C7FFA6

Harmonies

Analogous

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



6176B6



906AA6



AC608A

Triad

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



906AA6



99713A



008988

Complementary

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



906AA6



80A66A

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.



268867



906AA6



7C7C39

Square

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



906AA6



AE664D



58844A



0087A5

Rectangle

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



906AA6



B45E74



58844A



00897D

Sweetspot

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



906AA6



D0C1D9



6A80A6



685F6E



EDEDED



6E6E6E

Same Dimension

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



906AA6



B77CD9



A66A9E



514C54



5E0094



0D0014

Inverse Universe

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



A66A80



D97C9E



6AA672



544C4F



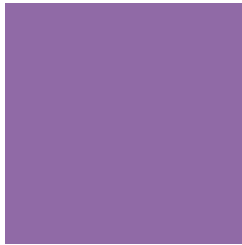
940036



140007

Previews

White Background



This preview shows how the Hex color 906AA6 looks on a white background.

Color Contrast Check

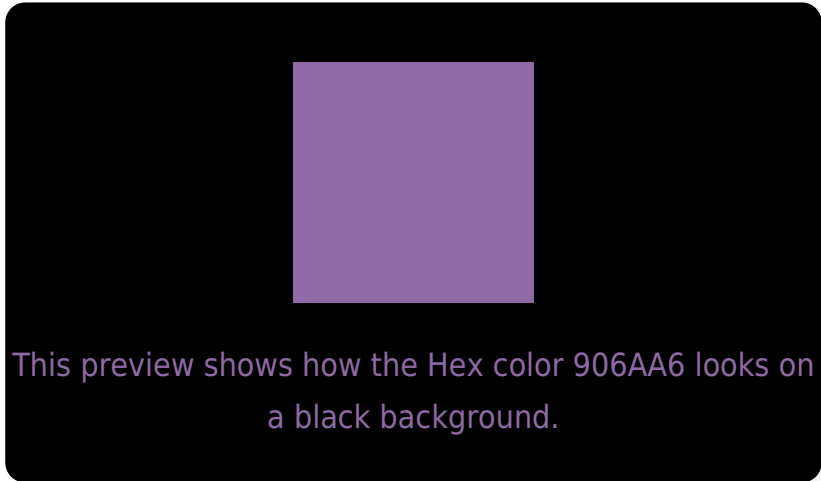
Large Text (above 18pt) WCAG AA ✓ Pass

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

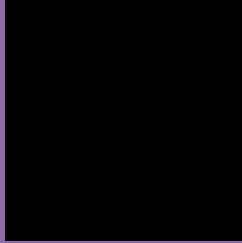
Any Text WCAG AA ✓ Pass

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 906AA6 Background



This preview shows how black text looks on a background with the Hex color 906AA6.

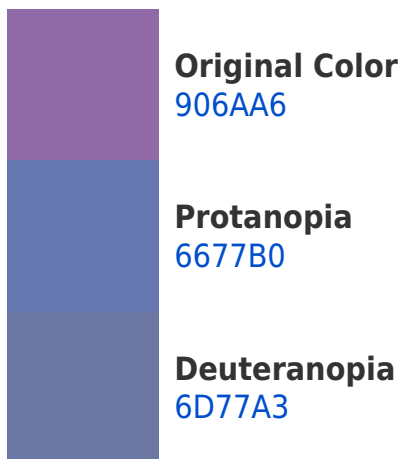



This preview shows how white text looks on a background with the Hex color 906AA6.

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](#).

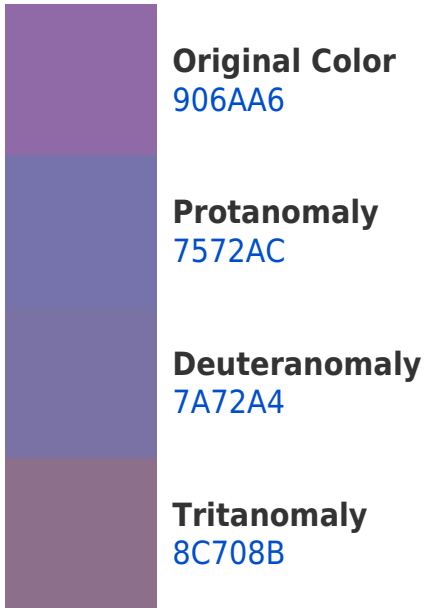
Dichromacy



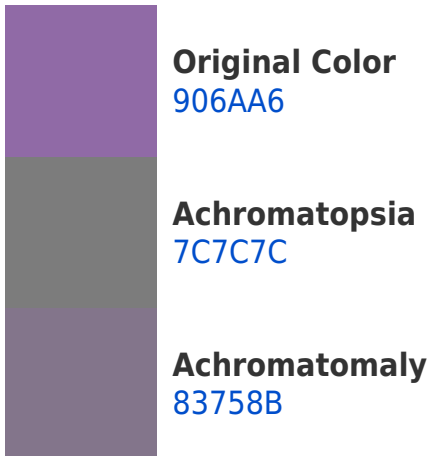


Tritanopia
89737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 906AA6 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 #906AA6 looks like.

```
.text, #text, p{  
    color:#906AA6  
}
```

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 #906AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #906AA6
}
```

Border

The CSS property to change the border of an element to Hex 906AA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

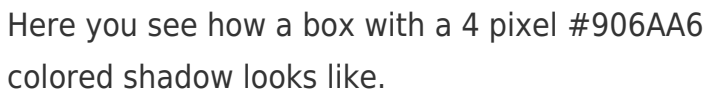
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#906AA6 }
```

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

```
.border{ border-color:#906AA6 }
```

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



Here you see how a box with a 4 pixel #906AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #906AA6; -webkit-box-shadow:4px 4px  
4px 4px #906AA6; box-shadow:4px 4px 4px  
4px #906AA6 }
```

Background

The CSS property to change the background color of an element to Hex 906AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#906AA6 }
```

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

```
.background{ background-color:#906AA6 }
```

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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