

# Converting Colors

Hex(906EBC)

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

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# Color

**Hex(906EBC)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 906EBC                     |
| RGB           | 144, 110, 188              |
| RGB Percent   | 56%, 43%, 74%              |
| CMY           | 0.4353, 0.5686, 0.2627     |
| CMYK          | 0.23, 0.41, 0.00, 0.26     |
| HSL           | 266°, 37%, 58%             |
| HSV           | 266°, 41%, 74%             |
| XYZ           | 26.1546, 20.7120, 50.1963  |
| YIQ           | 129.0580, -4.7740, 31.4660 |

# Conversions

## Conversions Part 2

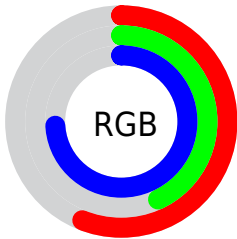
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">144, 110, 188</a>                  |
| Decimal                             | <a href="#">9465532</a>                        |
| CIELab                              | <a href="#">52.63, 29.39, -36.17</a>           |
| CIELCh                              | <a href="#">53, 46.602, 309.092</a>            |
| Yxy                                 | <a href="#">20.7120, 0.2695,<br/>0.2134</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4287655612<br/>(0xFF906EBC)</a>    |
| YUV                                 | <a href="#">129.0580, 29.0584,<br/>13.1041</a> |
| Hunter-Lab                          | <a href="#">45.5104, 22.9399,<br/>-33.5373</a> |

# Details

The Hex color **906EBC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9ABC6E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C7A2F5**, and **5C3D86** is the 20% darker color. If you saturate the color by 10%, you get **855BBC**, and if you desaturate by 10%, it is **9B81BC**.

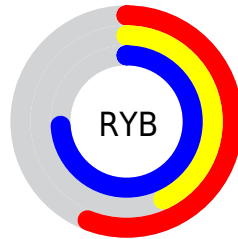
# Distribution



Red (56%)

Green (43%)

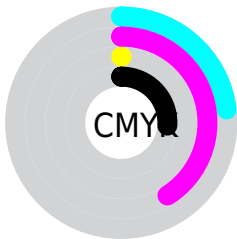
Blue (74%)



Red (56%)

Yellow (43%)

Blue (74%)

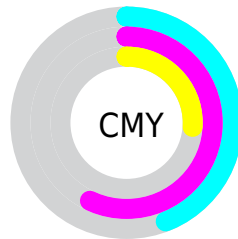


Cyan (23%)

Magenta (41%)

Yellow (0%)

Black (26%)



Cyan (44%)

Magenta (57%)

Yellow (26%)

# Brightness & Saturation Gradients

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



■ 906EBC

■ 906EBC

FFFFFF

■ 7555A1

■ C7A2F5

■ 5C3D86

■ E4BDFF

■ 42276D

■ FFD9FF

■ 291154

■ FFF6FF

■ 13003C

■ 000226

■ 00010F

■ 000000

■ 906EBC

■ 906EBC

 855BBC

 9B81BC

 7B48BC

 A594BC

 7036BC

 B0A6BC

 6623BC

 BAB9BC

 5B10BC

 C5CCBC

 5200BC

 D0DFBC

 DAF2BC

 E5FFBC

 EFFFBC

# Harmonies

## Analogous

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



497ECD



906EBC



B85F9B

# Triad

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



906EBC



AB7131



009189

# Complementary

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



906EBC



9ABC6E

# 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.



128F60



906EBC



887F29

# Square

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



906EBC



C1624D



5D8A3C



0090AF

# Rectangle

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



906EBC



C55A80



5D8A3C



00917B



# Sweetspot

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



906EBC



E4D7F5



6E9ABC



71697A



FAFAFA



7A7A7A



# Same Dimension

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



906EBC



B07AF5



B76EBC



59555E



45009E



0D001F



# Inverse Universe

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



BC6E9A



F57ABF



73BC6E



5E555A



9E0059

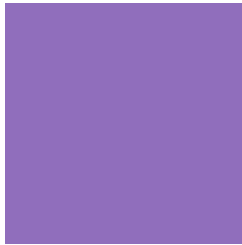


1F0011



# Previews

## White Background



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

## Color Contrast Check

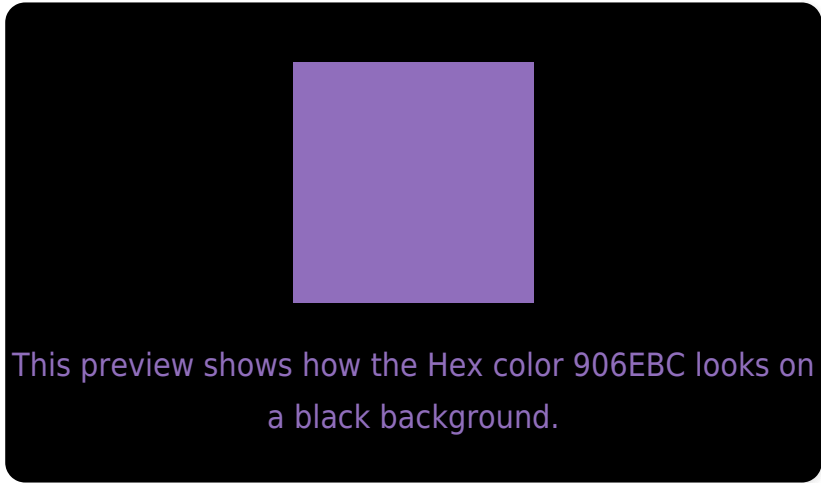
Large Text (above 18pt) WCAG AA ✓ Pass

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

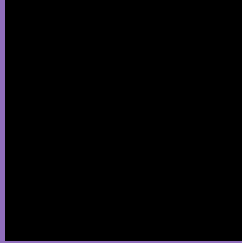
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 906EBC Background



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




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

# 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](#).

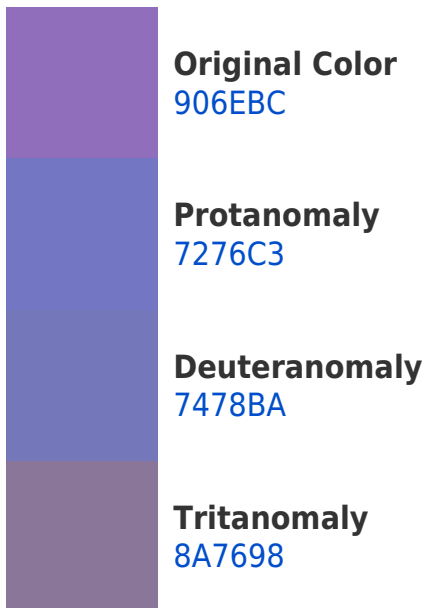
## Dichromacy



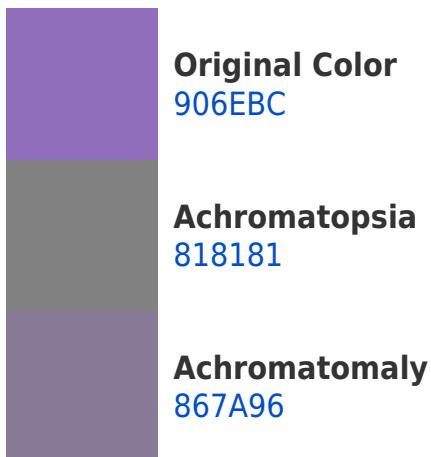


**Tritanopia**  
867A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #906EBC colored shadow looks like.

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

## Border

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

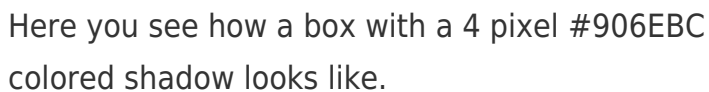
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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