

# Converting Colors

Hex(96298B)

Have a look what the booklet for  
Hex(96298B) contains.

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**Color**

**Hex(96298B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96298B
RGB	150, 41, 139
RGB Percent	59%, 16%, 55%
CMY	0.4118, 0.8392, 0.4549
CMYK	0.00, 0.73, 0.07, 0.41
HSL	306°, 57%, 37%
HSV	306°, 73%, 59%
XYZ	18.0308, 9.9340, 25.3932
YIQ	84.7630, 33.5060, 53.5860

# Conversions

## Conversions Part 2

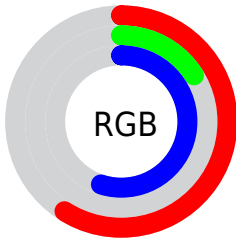
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 41, 139
Decimal	9841035
CIE <sub>Lab</sub>	37.72, 55.73, -30.48
CIE <sub>LCh</sub>	38, 63.519, 331.324
Yxy	9.9340, 0.3379, 0.1862
Android (android.graphics.Color)	4288031115 (0xFF96298B)
YUV	84.7630, 26.7388, 57.2128
Hunter-Lab	31.5182, 46.9586, -25.7053

# Details

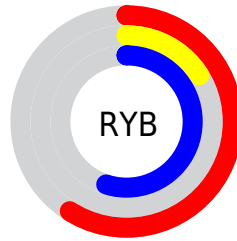
The Hex color **96298B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **299634**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **CF61C1**, and **5F0058** is the 20% darker color. If you saturate the color by 10%, you get **961A89**, and if you desaturate by 10%, it is **96388D**.

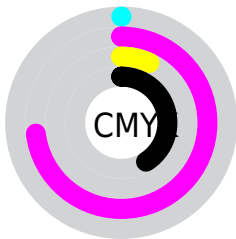
# Distribution



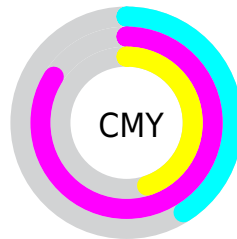
- Red (59%)
- Green (16%)
- Blue (55%)



- Red (59%)
- Yellow (16%)
- Blue (55%)



- Cyan (0%)
- Magenta (73%)
- Yellow (7%)
- Black (41%)



- Cyan (41%)
- Magenta (84%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96298B 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 96298B by changing the saturation by 10% instead.



96298B

96298B

FFFFFF

7A0071

CF61C1

5F0058

EC7CDD

450041

FF98FA

2D002A

FFB4FF

000014

FFD1FF

000000

FFEEFF

96298B

96298B

961A89

96388D

960B88

96478E

960087

965690

966591

967493

968394

969296

96A197

96B099

# Harmonies

## Analogous

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



544AB2



96298B



AF0459

# Triad

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



96298B



6B5800



006E8D

# Complementary

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



96298B



299634

# 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.



006E5A



96298B



366500

# Square

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



96298B



924200



006B23



006AB3

# Rectangle

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



96298B



AF1437



006B23



006E7D



# Sweetspot

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



96298B



C297BD



342996



61485E



E0E0E0



616161



# Same Dimension

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



96298B



C219B1



962955



4A4349



8A007C



0A0009



# Inverse Universe

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



96298B



C219B1



29966A



4A4349



8A007C



0A0009



# Previews

## White Background



This preview shows how the Hex color 96298B looks on a white background.

## Color Contrast Check

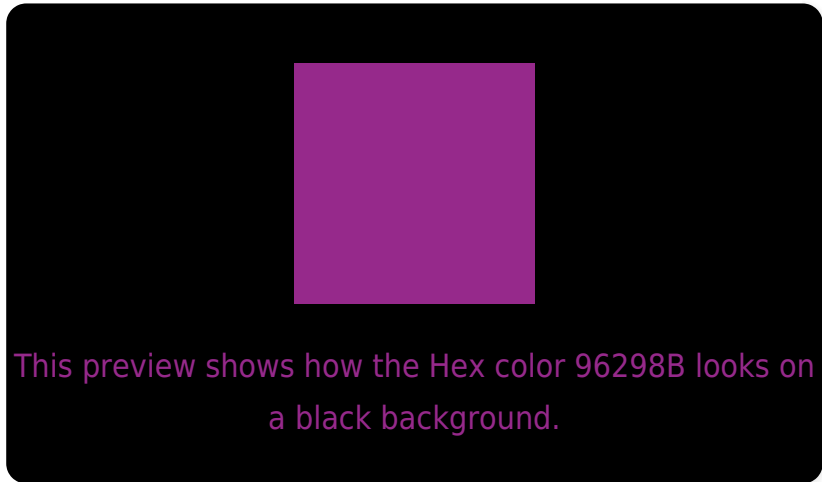
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

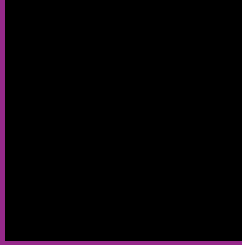
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 96298B Background



This preview shows how black text looks on a background with the Hex color 96298B.

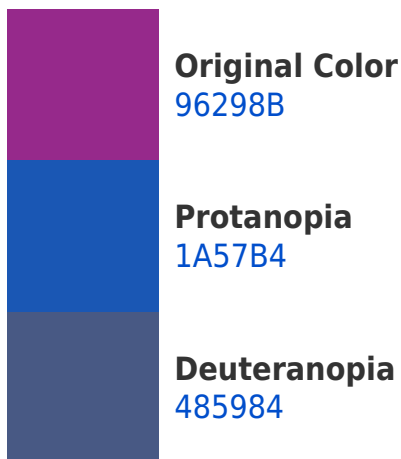



This preview shows how white text looks on a background with the Hex color 96298B.

# 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**  
8F4145

# Trichromacy



**Original Color**  
96298B



**Protanomaly**  
4746A5



**Deuteranomaly**  
644887



**Tritanomaly**  
92385E

# Monochromacy



**Original Color**  
96298B



**Achromatopsia**  
555555



**Achromatomaly**  
6D4569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96298B 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 #96298B looks like.

```
.text, #text, p{  
    color:#96298B  
}
```

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 #96298B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96298B
}
```

## Border

The CSS property to change the border of an element to Hex 96298B is called "border". The border property can be set on classes, ids or directly on the HTML element.

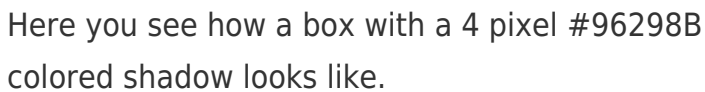
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96298B }
```

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

```
.border{ border-color:#96298B }
```

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



Here you see how a box with a 4 pixel #96298B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96298B; -webkit-box-shadow:4px 4px  
4px 4px #96298B; box-shadow:4px 4px 4px  
4px #96298B }
```

# Background

The CSS property to change the background color of an element to Hex 96298B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96298B }
```

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

```
.background{ background-color:#96298B }
```

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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