

Converting Colors

Hex(965A9E)

Have a look what the booklet for
Hex(965A9E) contains.

Hex(965A9E)	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(965A9E)

Conversions

Conversions Part 1

Format	Color
Hex	965A9E
RGB	150, 90, 158
RGB Percent	59%, 35%, 62%
CMY	0.4118, 0.6471, 0.3804
CMYK	0.05, 0.43, 0.00, 0.38
HSL	293°, 27%, 49%
HSV	293°, 43%, 62%
XYZ	22.4054, 16.2650, 34.3063
YIQ	115.6920, 13.9320, 33.8680

Conversions

Conversions Part 2

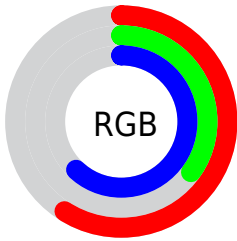
Format	Color
R_{YB}	150, 90, 158
Decimal	9853598
CIE _{Lab}	47.32, 35.94, -26.92
CIE _{LCh}	47, 44.902, 323.164
Yxy	16.2650, 0.3070, 0.2229
Android (android.graphics.Color)	4288043678 (0xFF965A9E)
YUV	115.6920, 20.8578, 30.0881
Hunter-Lab	40.3299, 28.5890, -22.2037

Details

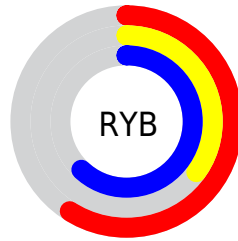
The Hex color **965A9E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **629E5A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CD8ED5**, and **61296A** is the 20% darker color. If you saturate the color by 10%, you get **944A9E**, and if you desaturate by 10%, it is **986A9E**.

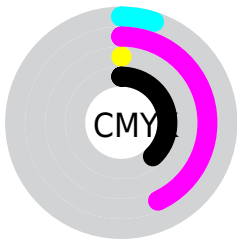
Distribution



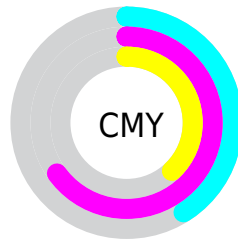
- Red (59%)
- Green (35%)
- Blue (62%)



- Red (59%)
- Yellow (35%)
- Blue (62%)



- Cyan (5%)
- Magenta (43%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 965A9E 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 965A9E by changing the saturation by 10% instead.

 965A9E

 965A9E

FFFFFF

 7B4184

 CD8ED5

 61296A

 EAA9F1

 481052

 FFC4FF

 30003A

 FFE0FF

 1B0025

 FFFDFD

 00000C

 000000

 965A9E

 965A9E

 944A9E

 986A9E

 923A9E

 9A7A9E

 902B9E

 9C899E

 8F1B9E

 9D999E

 8D0B9E

 9FA99E

 8B009E

 A1B99E

 A3C99E

 A5D89E

 A7E89E

Harmonies

Analogous

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



636AB6



965A9E



B04F7B

Triad

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



965A9E



8C6B20



00828D

Complementary

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



965A9E



629E5A

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.



008266



965A9E



687725

Square

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



965A9E



A75D34



387E41



007FAC

Rectangle

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



965A9E



B64E61



387E41



008380

Sweetspot

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



965A9E



CBB4CF



5A639E



675869



E8E8E8



696969

Same Dimension

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



965A9E



C263CF



9E5A85



4E474F



7E008F



0E000F

Inverse Universe

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



9E5A62



CF6370



5A9E73



4F4748



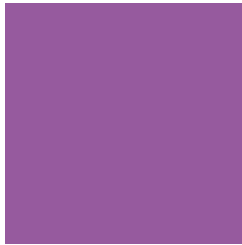
8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 965A9E looks on a white background.

Color Contrast Check

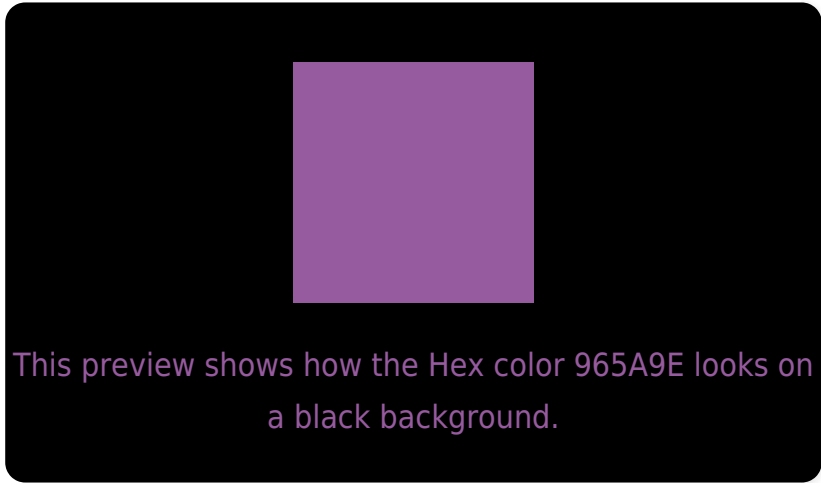
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

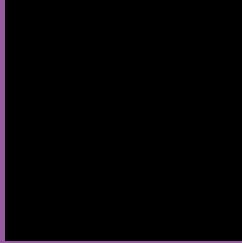
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 965A9E Background



This preview shows how black text looks on a background with the Hex color 965A9E.

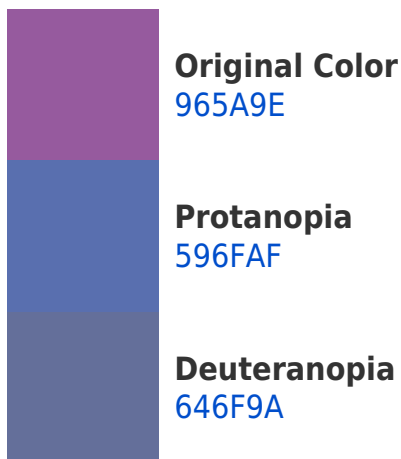



This preview shows how white text looks on a background with the Hex color 965A9E.

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
8F656D

Trichromacy



Original Color
965A9E

Protanomaly
6F67A9

Deuteranomaly
76679B

Tritanomaly
92617F

Monochromacy



Original Color
965A9E

Achromatopsia
747474

Achromatomaly
806B83

CSS Examples

Text

The CSS property to change the color of the text to Hex 965A9E 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 #965A9E looks like.

```
.text, #text, p{  
    color:#965A9E  
}
```

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 #965A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965A9E
}
```

Border

The CSS property to change the border of an element to Hex 965A9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

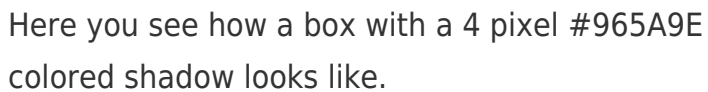
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#965A9E }
```

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

```
.border{ border-color:#965A9E }
```

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



Here you see how a box with a 4 pixel #965A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965A9E; -webkit-box-shadow:4px 4px  
4px 4px #965A9E; box-shadow:4px 4px 4px  
4px #965A9E }
```

Background

The CSS property to change the background color of an element to Hex 965A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965A9E }
```

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

```
.background{ background-color:#965A9E }
```

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