

Converting Colors

Hex(905D9E)

Have a look what the booklet for
Hex(905D9E) contains.

Hex(905D9E)	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(905D9E)

Conversions

Conversions Part 1

Format	Color
Hex	905D9E
RGB	144, 93, 158
RGB Percent	56%, 36%, 62%
CMY	0.4353, 0.6353, 0.3804
CMYK	0.09, 0.41, 0.00, 0.38
HSL	287°, 26%, 49%
HSV	287°, 41%, 62%
XYZ	21.5875, 16.2266, 34.3420
YIQ	115.6590, 9.5310, 31.0270

Conversions

Conversions Part 2

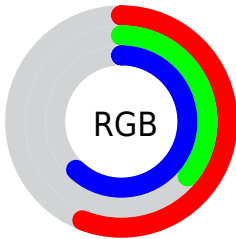
Format	Color
RYB	144, 93, 158
Decimal	9461150
CIELab	47.27, 32.35, -27.05
CIELCh	47, 42.169, 320.093
Yxy	16.2266, 0.2992, 0.2249
Android (android.graphics.Color)	4287651230 (0xFF905D9E)
YUV	115.6590, 20.8741, 24.8551
Hunter-Lab	40.2823, 25.1652, -22.3492

Details

The Hex color **905D9E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6B9E5D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **C790D5**, and **5C2D6A** is the 20% darker color. If you saturate the color by 10%, you get **8D4D9E**, and if you desaturate by 10%, it is **936D9E**.

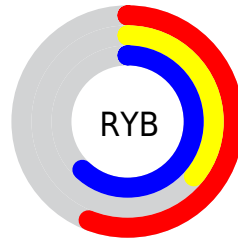
Distribution



Red (56%)

Green (36%)

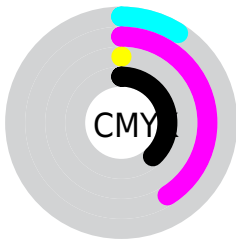
Blue (62%)



Red (56%)

Yellow (36%)

Blue (62%)

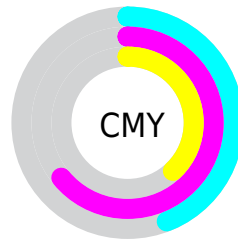


Cyan (9%)

Magenta (41%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 905D9E 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 905D9E by changing the saturation by 10% instead.

 905D9E

 905D9E

FFFFFF

 764584

 C790D5

 5C2D6A

 E3ABF1

 431552

 FFC7FF

 2B003A

 FFE3FF

 160025

 00000C

 000000

 905D9E

 905D9E

 8D4D9E

 936D9E

893D9E

977D9E

862E9E

9A8C9E

821E9E

9E9C9E

7F0E9E

A1AC9E

7C009E

A4BC9E

A8CC9E

ABDB9E

AFEB9E

Harmonies

Analogous

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



5E6BB3



905D9E



AB527D

Triad

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



905D9E



8E6A27



008287

Complementary

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



905D9E



6B9E5D

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.



008163



905D9E



6D7529

Square

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



905D9E



A65D3B



437D41



007FA6

Rectangle

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



905D9E



B25165



437D41



00827B

Sweetspot

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



905D9E



C9B6CF



5D6B9E



655A69



E8E8E8



696969

Same Dimension

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



905D9E



B969CF



9E5D8C



4D474F



70008F



0C000F

Inverse Universe

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



9E5D6B



CF697F



5D9E6F



4F4749



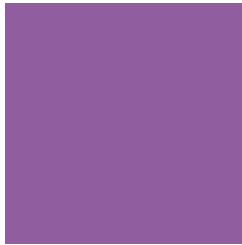
8F001F



0F0003

Previews

White Background



This preview shows how the Hex color 905D9E looks on a white background.

Color Contrast Check

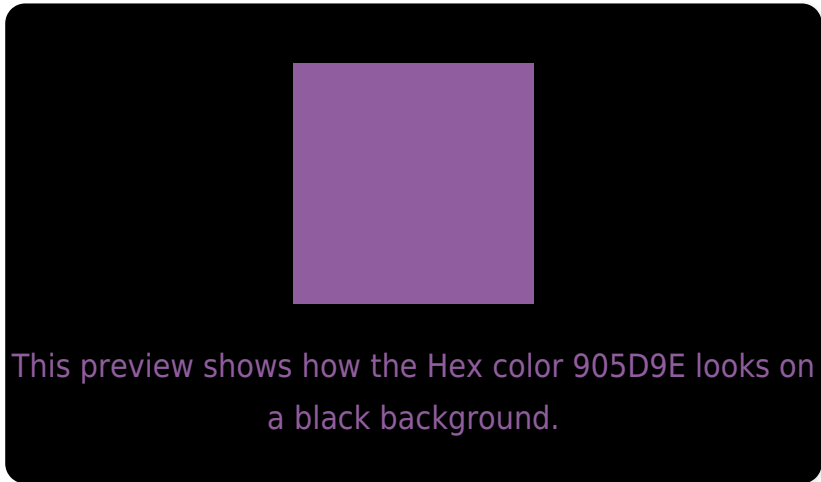
Large Text (above 18pt) WCAG AA ✓ Pass

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

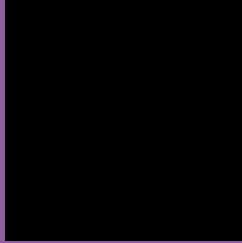
Any Text WCAG AA × Fail

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 905D9E Background



This preview shows how black text looks on a background with the Hex color 905D9E.

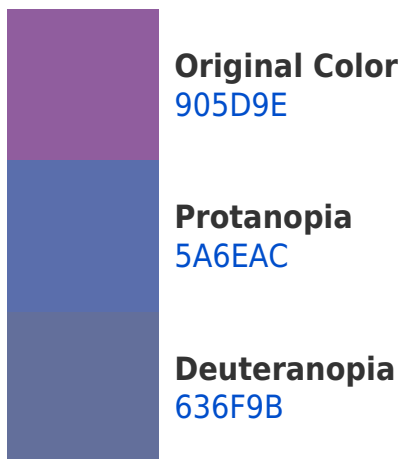



This preview shows how white text looks on a background with the Hex color 905D9E.

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](#).

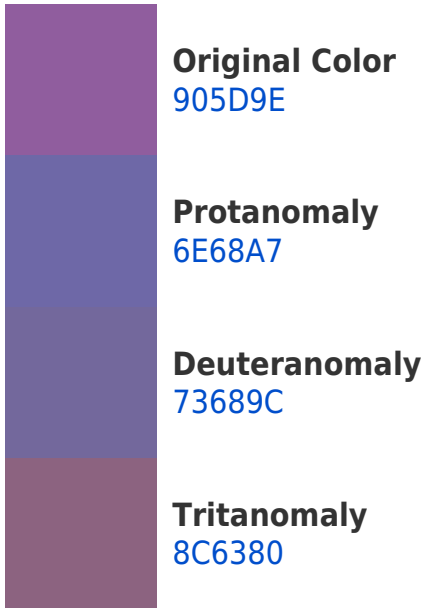
Dichromacy





Tritanopia
89676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 905D9E 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 #905D9E looks like.

```
.text, #text, p{  
    color:#905D9E  
}
```

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 #905D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #905D9E
}
```

Border

The CSS property to change the border of an element to Hex 905D9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

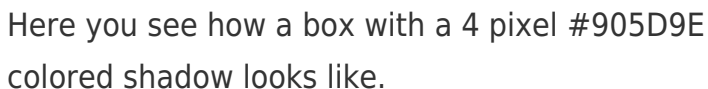
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#905D9E }
```

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

```
.border{ border-color:#905D9E }
```

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



Here you see how a box with a 4 pixel #905D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #905D9E; -webkit-box-shadow:4px 4px  
4px 4px #905D9E; box-shadow:4px 4px 4px  
4px #905D9E }
```

Background

The CSS property to change the background color of an element to Hex 905D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#905D9E }
```

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

```
.background{ background-color:#905D9E }
```

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