

# Converting Colors

Hex(905683)

Have a look what the booklet for  
Hex(905683) contains.

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**Color**

**Hex(905683)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	905683
RGB	144, 86, 131
RGB Percent	56%, 34%, 51%
CMY	0.4353, 0.6627, 0.4863
CMYK	0.00, 0.40, 0.09, 0.44
HSL	313°, 25%, 45%
HSV	313°, 40%, 56%
XYZ	18.9261, 14.2236, 23.2206
YIQ	108.4720, 20.1230, 26.2910

# Conversions

## Conversions Part 2

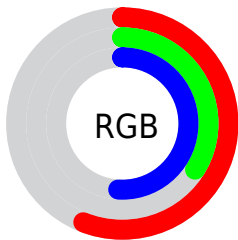
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 86, 131
Decimal	9459331
CIE <sub>Lab</sub>	44.55, 30.97, -15.09
CIE <sub>LCh</sub>	45, 34.455, 334.024
Yxy	14.2236, 0.3357, 0.2523
Android (android.graphics.Color)	4287649411 (0xFF905683)
YUV	108.4720, 11.1063, 31.1581
Hunter-Lab	37.7141, 23.5771, -10.1050

# Details

The Hex color **905683** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **569063**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C789B8**, and **5C2652** is the 20% darker color. If you saturate the color by 10%, you get **904880**, and if you desaturate by 10%, it is **906486**.

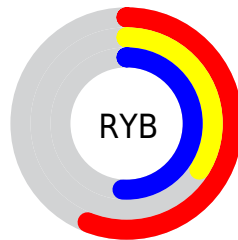
# Distribution



Red (56%)

Green (34%)

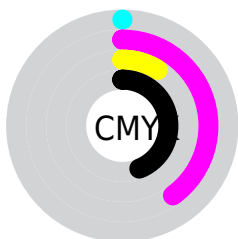
Blue (51%)



Red (56%)

Yellow (34%)

Blue (51%)

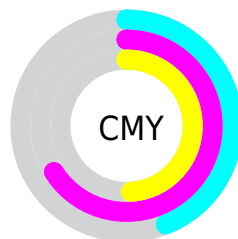


Cyan (0%)

Magenta (40%)

Yellow (9%)

Black (44%)



Cyan (44%)

Magenta (66%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 905683 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 905683 by changing the saturation by 10% instead.



 905683

 905683

FFFFFF

 763E6A

 C789B8

 5C2652

 E3A4D4

 430E3A

 FFBFF0

 2C0025

 FFDBFF

 0D000E

 FFF8FF

 000000

 905683

 905683

 904880

 906486

 90397D

 907389

902B79

90818D

901C76

909090

900E73

909E93

900070

90AC96

90BB9A

90C99D

90D8A0

# Harmonies

## Analogous

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



716099



905683



9F5167

# Triad

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



905683



77692E



007789

# Complementary

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



905683



569063

# 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.



00786C



905683



597138

# Square

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



905683



8F5F36



33764F



00739C

# Rectangle

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



905683



9F5354



33764F



007880



# Sweetspot

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



905683



BAA4B5



635690



5E515B



DEDEDE



5E5E5E



# Same Dimension

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



905683



BA61A6



905666



474046



870069



080006



# Inverse Universe

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



905683



BA61A6



569080



474046



870069

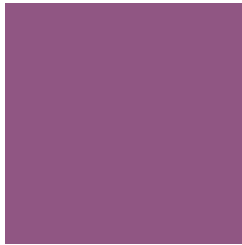


080006



# Previews

## White Background



This preview shows how the Hex color 905683 looks on a white background.

## Color Contrast Check

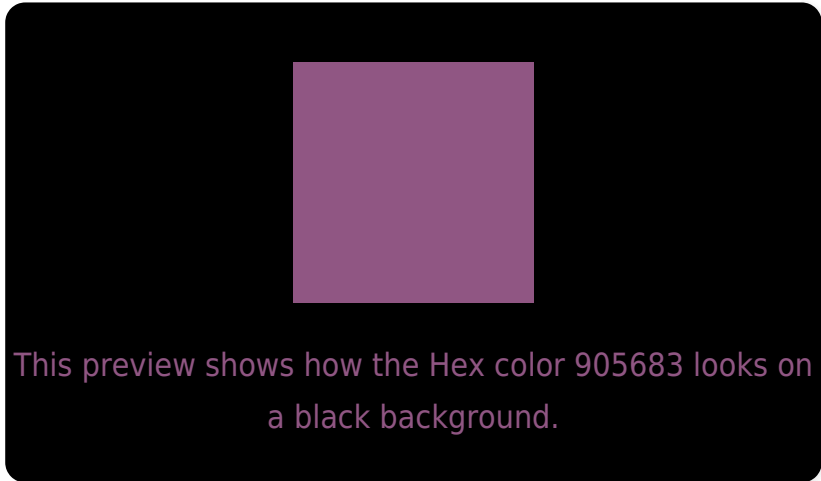
Large Text (above 18pt) WCAG AA ✓ Pass

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

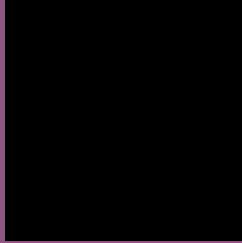
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 905683 Background



This preview shows how black text looks on a background with the Hex color 905683.



This preview shows how white text looks on a background with the Hex color 905683.

# 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**  
8C5C63

# Trichromacy



**Original Color**  
905683

**Protanomaly**  
70618B

**Deuteranomaly**  
776181

**Tritanomaly**  
8D5A6F

# Monochromacy



**Original Color**  
905683

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
796474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 905683 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 #905683 looks like.

```
.text, #text, p{  
    color:#905683  
}
```

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 #905683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #905683
}
```

## Border

The CSS property to change the border of an element to Hex 905683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

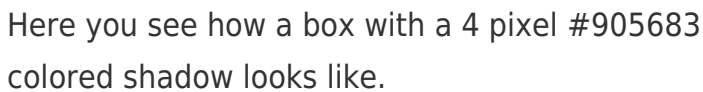
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#905683 }
```

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

```
.border{ border-color:#905683 }
```

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



Here you see how a box with a 4 pixel #905683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #905683; -webkit-box-shadow:4px 4px  
4px 4px #905683; box-shadow:4px 4px 4px  
4px #905683 }
```

# Background

The CSS property to change the background color of an element to Hex 905683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#905683 }
```

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

```
.background{ background-color:#905683 }
```

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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