

# Converting Colors

Hex(A905A5)

Have a look what the booklet for  
Hex(A905A5) contains.

<b>Hex(A905A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A905A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A905A5
RGB	169, 5, 165
RGB Percent	66%, 2%, 65%
CMY	0.3373, 0.9804, 0.3529
CMYK	0.00, 0.97, 0.02, 0.34
HSL	301°, 94%, 34%
HSV	301°, 97%, 66%
XYZ	23.2080, 11.2602, 36.5475
YIQ	72.2760, 46.3840, 84.5280

# Conversions

## Conversions Part 2

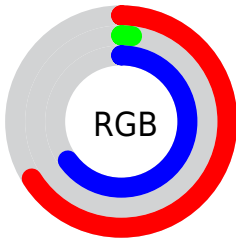
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 5, 165
Decimal	11077029
CIELab	40.02, 71.07, -42.42
CIELCh	40, 82.764, 329.170
Yxy	11.2602, 0.3268, 0.1586
Android (android.graphics.Color)	4289267109 (0xFFA905A5)
YUV	72.2760, 45.7129, 84.8269
Hunter-Lab	33.5562, 64.7301, -41.0861

# Details

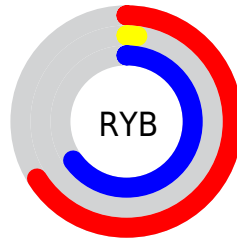
The Hex color **A905A5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **05A909**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E455DD**, and **700070** is the 20% darker color. If you saturate the color by 10%, you get **A900A5**, and if you desaturate by 10%, it is **A916A5**.

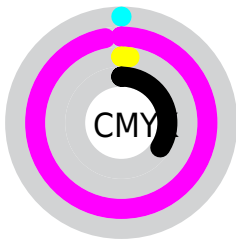
# Distribution



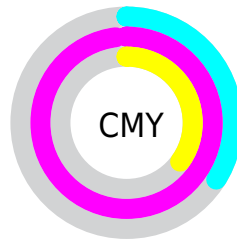
- Red (66%)
- Green (2%)
- Blue (65%)



- Red (66%)
- Yellow (2%)
- Blue (65%)



- Cyan (0%)
- Magenta (97%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (98%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A905A5 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 A905A5 by changing the saturation by 10% instead.



 A905A5

 A905A5

FFFFFF

 8C008A

 E455DD

 700070

 FF72F9

 540057

 FF8FFF

 3B0040

 FFACFF

 1D0028

 FFC9FF

 000112

 FFE7FF

 000000

 A905A5

 A905A5

 A900A5

 A916A5

 A927A6

 A938A6

 A949A7

 A959A7

 A96AA7

 A97BA8

 A98CA8

 A99DA9

# Harmonies

## Analogous

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



404DD7



A905A5



CC0063

# Triad

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



A905A5



755C00



00799F

# Complementary

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



A905A5



05A909

# 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.



00785B



A905A5



2E6C00

# Square

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



A905A5



A83A00



007407



0076D4

# Rectangle

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



A905A5



CD0038



007407



007989



# Sweetspot

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



A905A5



DB9CDA



0805A9



6E476D



EDEDED



6E6E6E



# Same Dimension

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



A905A5



DB00D6



A90554



544C54



940090



140014



# Inverse Universe

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



A905A5



DB00D6



05A95A



544C54



940090



140014



# Previews

## White Background



This preview shows how the Hex color A905A5 looks on a white background.

## Color Contrast Check

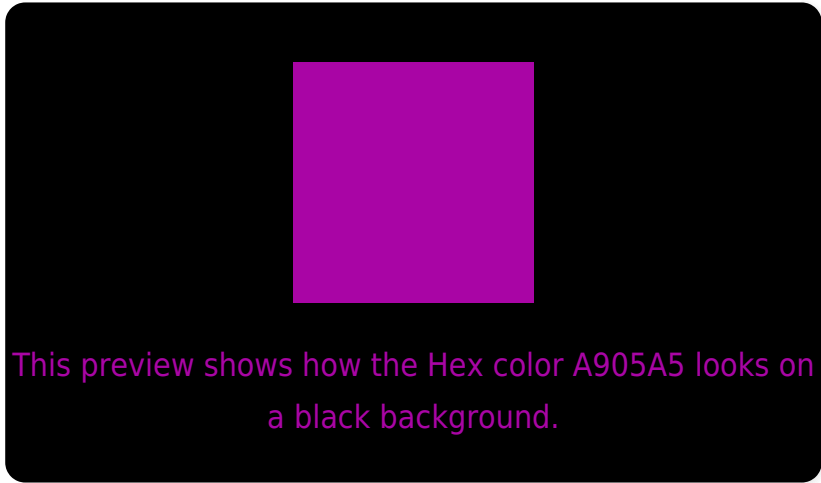
Large Text (above 18pt) WCAG AA ✓ Pass

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

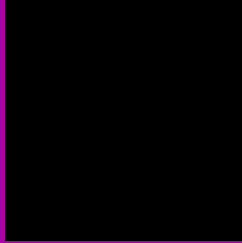
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A905A5 Background



This preview shows how black text looks on a background with the Hex color A905A5.

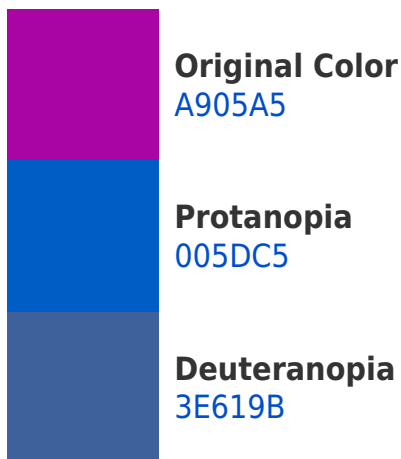



This preview shows how white text looks on a background with the Hex color A905A5.

# 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**  
9F4145

# Trichromacy



**Original Color**  
A905A5



**Protanomaly**  
3D3DB9



**Deuteranomaly**  
65409F



**Tritanomaly**  
A32B68

# Monochromacy



**Original Color**  
A905A5



**Achromatopsia**  
484848



**Achromatomaly**  
6B306A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A905A5 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 #A905A5 looks like.

```
.text, #text, p{  
    color:#A905A5  
}
```

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 #A905A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A905A5
}
```

## Border

The CSS property to change the border of an element to Hex A905A5 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
#A905A5 }
```

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

```
.border{ border-color:#A905A5 }
```

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

Here you see how a box with a 4 pixel #A905A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A905A5; -webkit-box-shadow:4px 4px  
4px 4px #A905A5; box-shadow:4px 4px 4px  
4px #A905A5 }
```

# Background

The CSS property to change the background color of an element to Hex A905A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A905A5 }
```

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

```
.background{ background-color:#A905A5 }
```

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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