

# Converting Colors

Hex(A55A99)

Have a look what the booklet for  
Hex(A55A99) contains.

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**Color**

**Hex(A55A99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">A55A99</a>
RGB	165, 90, 153
RGB Percent	65%, 35%, 60%
CMY	0.3529, 0.6471, 0.4000
CMYK	0.00, 0.45, 0.07, 0.35
HSL	310°, 29%, 50%
HSV	310°, 45%, 65%
XYZ	24.9230, 17.6116, 32.2228
YIQ	119.6070, 24.4770, 35.4930

# Conversions

## Conversions Part 2

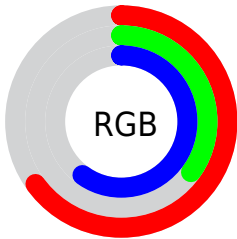
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 90, 153
Decimal	10836633
CIELab	49.02, 39.76, -21.17
CIELCh	49, 45.050, 331.966
Yxy	17.6116, 0.3334, 0.2356
Android (android.graphics.Color)	4289026713 (0xFFA55A99)
YUV	119.6070, 16.4627, 39.8097
Hunter-Lab	41.9661, 32.5674, -16.1482

# Details

The Hex color **A55A99** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5AA566**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DD8ECF**, and **6F2866** is the 20% darker color. If you saturate the color by 10%, you get **A54A96**, and if you desaturate by 10%, it is **A56A9C**.

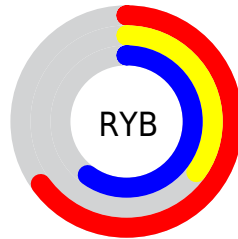
# Distribution



Red (65%)

Green (35%)

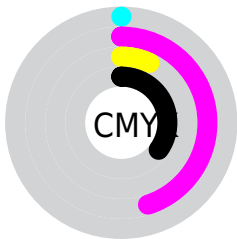
Blue (60%)



Red (65%)

Yellow (35%)

Blue (60%)

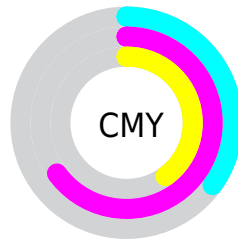


Cyan (0%)

Magenta (45%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A55A99 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 A55A99 by changing the saturation by 10% instead.



 A55A99

 A55A99

FFFFFF

 8A417F

 DD8ECF

 6F2866

 FBA9EC

 550C4E

 FFC5FF

 3C0037

 FFE2FF

 280021

 000005

 000000

 A55A99

 A55A99

 A54A96

 A56A9C

 A53994

 A57B9E

 A52991

 A58BA1

 A5188E

 A59CA4

 A5078C

 A5ACA6

 A5008B

 A5BDA9

 A5CEAB

 A5DEAE

 A5EEB1

# Harmonies

## Analogous

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



7969B5



A55A99



B95274

# Triad

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



A55A99



877323



00869C

# Complementary

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



A55A99



5AA566

# 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.



008776



A55A99



607E30

# Square

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



A55A99



A56531



28844F



0082B7

# Rectangle

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



A55A99



BA545A



28844F



008790



# Sweetspot

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



A55A99



D6B8D1



655AA5



6B5968



EBEBEB



6B6B6B



# Same Dimension

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



A55A99



D660C3



A55A74



524950



91007A



12000F



# Inverse Universe

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



A55A99



D660C3



5AA58B



524950



91007A



12000F



# Previews

## White Background



This preview shows how the Hex color A55A99 looks on a white background.

## Color Contrast Check

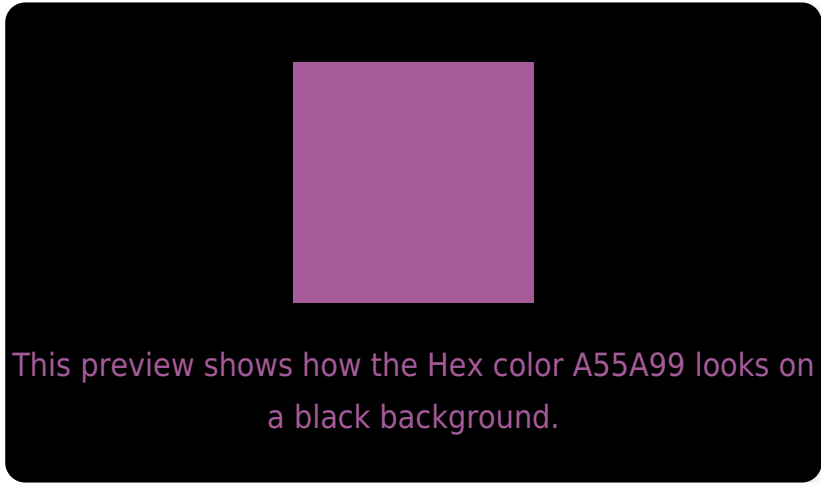
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

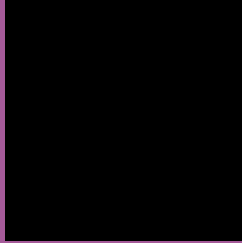
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A55A99 Background



This preview shows how black text looks on a background with the Hex color A55A99.

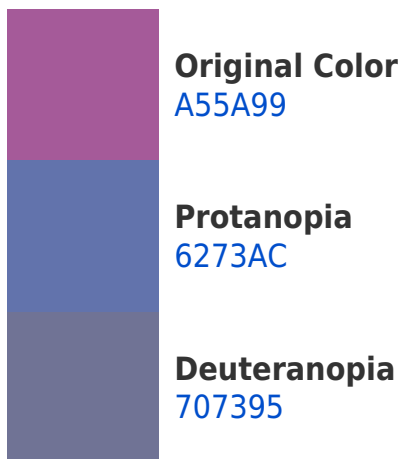


This preview shows how white text looks on a background with the Hex color A55A99.

# 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](#).

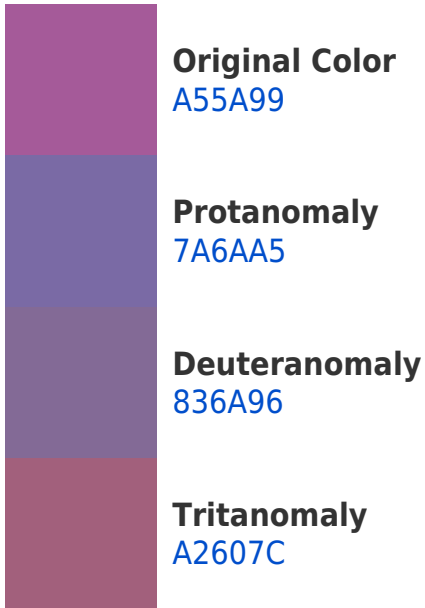
## Dichromacy



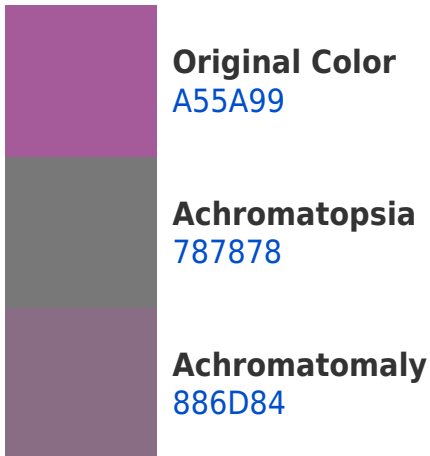


**Tritanopia**  
A0646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A55A99 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 #A55A99 looks like.

```
.text, #text, p{  
    color:#A55A99  
}
```

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 #A55A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55A99
}
```

## Border

The CSS property to change the border of an element to Hex A55A99 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
#A55A99 }
```

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

```
.border{ border-color:#A55A99 }
```

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

Here you see how a box with a 4 pixel #A55A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55A99; -webkit-box-shadow:4px 4px  
4px 4px #A55A99; box-shadow:4px 4px 4px  
4px #A55A99 }
```

# Background

The CSS property to change the background color of an element to Hex A55A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55A99 }
```

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

```
.background{ background-color:#A55A99 }
```

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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