

# Converting Colors

Hex(A65A89)

Have a look what the booklet for  
Hex(A65A89) contains.

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# Color

**Hex(A65A89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A65A89
RGB	166, 90, 137
RGB Percent	65%, 35%, 54%
CMY	0.3490, 0.6471, 0.4627
CMYK	0.00, 0.46, 0.17, 0.35
HSL	323°, 30%, 50%
HSV	323°, 46%, 65%
XYZ	23.8974, 17.2255, 25.7322
YIQ	118.0820, 30.2090, 30.7290

# Conversions

## Conversions Part 2

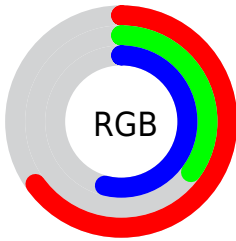
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 90, 137
Decimal	10902153
CIE <sub>Lab</sub>	48.54, 37.38, -12.37
CIE <sub>LCh</sub>	49, 39.371, 341.686
Yxy	17.2255, 0.3575, 0.2577
Android (android.graphics.Color)	4289092233 (0xFFA65A89)
YUV	118.0820, 9.3266, 42.0241
Hunter-Lab	41.5036, 30.1476, -7.7073

# Details

The Hex color **A65A89** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5AA677**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **DF8EBE**, and **702857** is the 20% darker color. If you saturate the color by 10%, you get **A64983**, and if you desaturate by 10%, it is **A66B8F**.

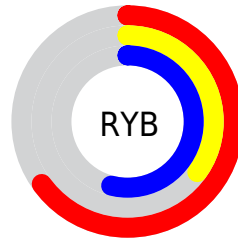
# Distribution



Red (65%)

Green (35%)

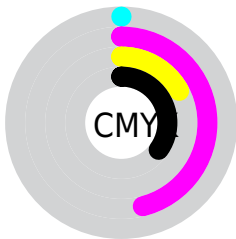
Blue (54%)



Red (65%)

Yellow (35%)

Blue (54%)

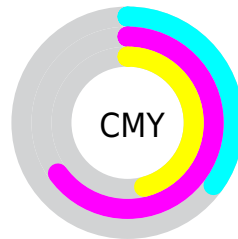


Cyan (0%)

Magenta (46%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Hex color A65A89 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 A65A89 by changing the saturation by 10% instead.



 A65A89

 A65A89

FFFFFF

 8B4170

 DF8EBE

 702857

 FCA9DA

 560D40

 FFC5F7

 3D002A

 FFE1FF

 280015

FFFEFF

 000000

 A65A89

 A65A89

 A64983

 A66B8F

 A6397C

 A67B96

 A62876

 A68C9C

 A61870

 A69CA2

 A60769

 A6ADA9

 A60067

 A6BEAF

 A6CEB5

 A6DFBC

 A6EFC2

# Harmonies

## Analogous

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



8765A5



A65A89



B25767

# Triad

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



A65A89



7A762F



00829F

# Complementary

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



A65A89



5AA677

# 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.



008480



A65A89



567E40

# Square

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



A65A89



986A33



1F835D



007CB2

# Rectangle

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



A65A89



AF5B52



1F835D



008395



# Sweetspot

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



A65A89



D9BACD



765AA6



6E5B67



EDEDED



6E6E6E



# Same Dimension

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



A65A89



D962AB



A65A64



544C51



94005B



14000D



# Inverse Universe

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



A65A89



D962AB



5AA69C



544C51



94005B

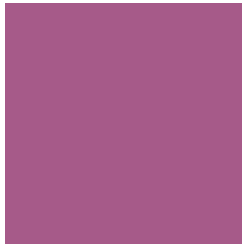


14000D



# Previews

## White Background



This preview shows how the Hex color A65A89 looks on a white background.

## Color Contrast Check

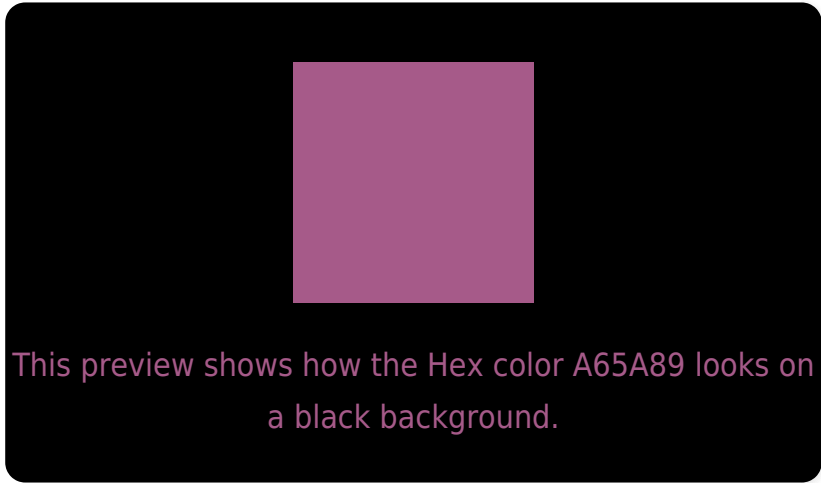
Large Text (above 18pt) WCAG AA ✓ Pass

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

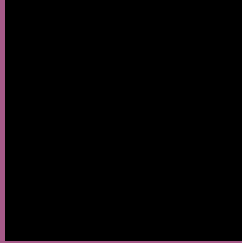
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A65A89 Background



This preview shows how black text looks on a background with the Hex color A65A89.




This preview shows how white text looks on a background with the Hex color A65A89.

# 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**  
A36168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A65A89 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 #A65A89 looks like.

```
.text, #text, p{  
    color:#A65A89  
}
```

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 #A65A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65A89
}
```

## Border

The CSS property to change the border of an element to Hex A65A89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

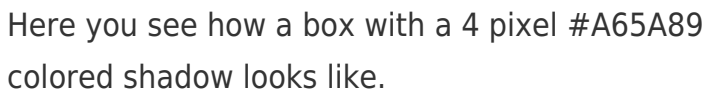
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A65A89 }
```

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

```
.border{ border-color:#A65A89 }
```

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



Here you see how a box with a 4 pixel #A65A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65A89; -webkit-box-shadow:4px 4px  
4px 4px #A65A89; box-shadow:4px 4px 4px  
4px #A65A89 }
```

# Background

The CSS property to change the background color of an element to Hex A65A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65A89 }
```

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

```
.background{ background-color:#A65A89 }
```

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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