

Converting Colors

Hex(A45A99)

Have a look what the booklet for
Hex(A45A99) contains.

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Color

Hex(A45A99)

Conversions

Conversions Part 1

Format	Color
Hex	A45A99
RGB	164, 90, 153
RGB Percent	64%, 35%, 60%
CMY	0.3569, 0.6471, 0.4000
CMYK	0.00, 0.45, 0.07, 0.36
HSL	309°, 29%, 50%
HSV	309°, 45%, 64%
XYZ	24.7158, 17.5047, 32.2131
YIQ	119.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

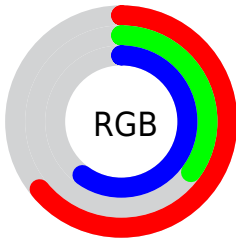
Format	Color
RYB	164, 90, 153
Decimal	10771097
CIELab	48.89, 39.44, -21.39
CIELCh	49, 44.868, 331.532
Yxy	17.5047, 0.3321, 0.2352
Android (android.graphics.Color)	4288961177 (0xFFA45A99)
YUV	119.3080, 16.6102, 39.1949
Hunter-Lab	41.8387, 32.2294, -16.3624

Details

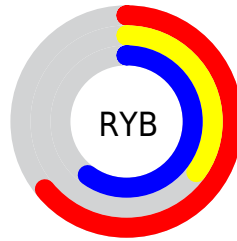
The Hex color **A45A99** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5AA465**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DC8ECF**, and **6E2866** is the 20% darker color. If you saturate the color by 10%, you get **A44A97**, and if you desaturate by 10%, it is **A46A9B**.

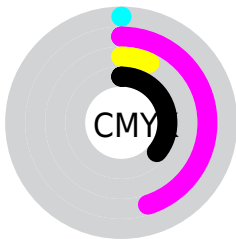
Distribution



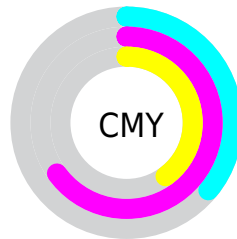
- Red (64%)
- Green (35%)
- Blue (60%)



- Red (64%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color A45A99 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 A45A99 by changing the saturation by 10% instead.

 A45A99

 A45A99

FFFFFF

 89417F

 DC8ECF

 6E2866

 F9A9EC

 550C4E

 FFC5FF

 3C0037

 FFE1FF

 270021

FFFEFF

 000005

 000000

 A45A99

 A45A99

 A44A97

 A46A9B

 A43994

 A47B9E

 A42992

 A48BA0

 A4188F

 A49CA3

 A4088D

 A4ACA5

 A4008C

 A4BCA8

 A4CDAA

 A4DDAD

 A4EEAF

Harmonies

Analogous

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



7869B5



A45A99



B85274

Triad

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



A45A99



877323



00869B

Complementary

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



A45A99



5AA465

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.



008775



A45A99



617D2F

Square

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



A45A99



A56531



29844E



0081B6

Rectangle

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



A45A99



BA545A



29844E



00878F

Sweetspot

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



A45A99



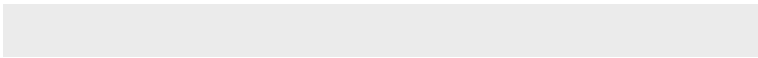
D6B8D2



645AA4



6B5968



EBEBEB



6B6B6B

Same Dimension

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



A45A99



D663C5



A45A75



524950



91007C



12000F

Inverse Universe

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



A45A99



D663C5



5AA489



524950



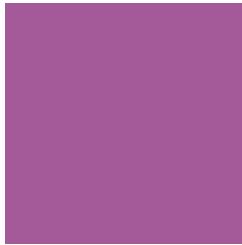
91007C



12000F

Previews

White Background



This preview shows how the Hex color A45A99 looks on a white background.

Color Contrast Check

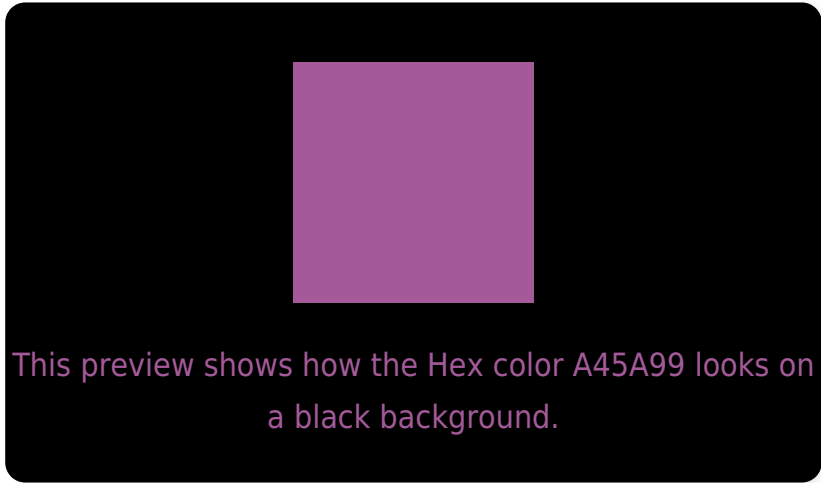
Large Text (above 18pt) WCAG AA ✓ Pass

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

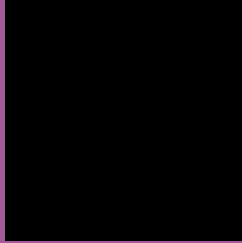
Any Text WCAG AA ✓ Pass

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 A45A99 Background



This preview shows how black text looks on a background with the Hex color A45A99.

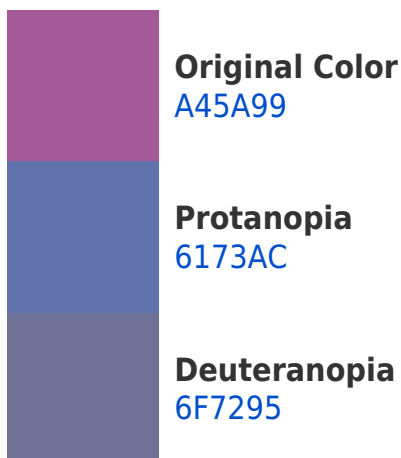


This preview shows how white text looks on a background with the Hex color A45A99.

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
9F646B

Trichromacy



Original Color
A45A99

Protanomaly
796AA5

Deuteranomaly
826996

Tritanomaly
A1607C

Monochromacy



Original Color
A45A99

Achromatopsia
777777

Achromatomaly
876C83

CSS Examples

Text

The CSS property to change the color of the text to Hex A45A99 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 #A45A99 looks like.

```
.text, #text, p{  
    color:#A45A99  
}
```

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 #A45A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45A99
}
```

Border

The CSS property to change the border of an element to Hex A45A99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

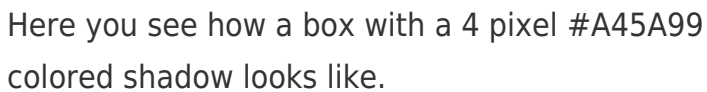
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45A99 }
```

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

```
.border{ border-color:#A45A99 }
```

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



Here you see how a box with a 4 pixel #A45A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45A99; -webkit-box-shadow:4px 4px  
4px 4px #A45A99; box-shadow:4px 4px 4px  
4px #A45A99 }
```

Background

The CSS property to change the background color of an element to Hex A45A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45A99 }
```

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

```
.background{ background-color:#A45A99 }
```

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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