

# Converting Colors

Hex(A74285)

Have a look what the booklet for  
Hex(A74285) contains.

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**Color**

**Hex(A74285)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A74285
RGB	167, 66, 133
RGB Percent	65%, 26%, 52%
CMY	0.3451, 0.7412, 0.4784
CMYK	0.00, 0.60, 0.20, 0.35
HSL	320°, 43%, 46%
HSV	320°, 60%, 65%
XYZ	22.1182, 13.8054, 23.6892
YIQ	103.8370, 38.6890, 42.2490

# Conversions

## Conversions Part 2

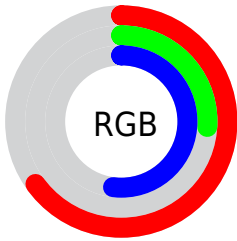
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 66, 133
Decimal	10961541
CIE <sub>Lab</sub>	43.95, 49.13, -16.92
CIE <sub>LCh</sub>	44, 51.961, 340.993
Yxy	13.8054, 0.3710, 0.2316
Android (android.graphics.Color)	4289151621 (0xFFA74285)
YUV	103.8370, 14.3774, 55.3940
Hunter-Lab	37.1556, 41.2363, -11.7926

# Details

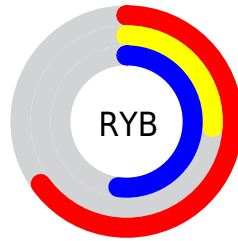
The Hex color **A74285** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **42A764**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E177BA**, and **700153** is the 20% darker color. If you saturate the color by 10%, you get **A7317F**, and if you desaturate by 10%, it is **A7538B**.

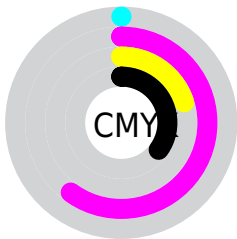
# Distribution



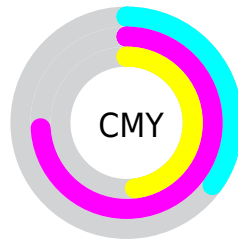
- Red (65%)
- Green (26%)
- Blue (52%)



- Red (65%)
- Yellow (26%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (35%)



- Cyan (35%)
- Magenta (74%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A74285 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 A74285 by changing the saturation by 10% instead.



 A74285

 A74285

FFFFFF

 8B266C

 E177BA

 700153

 FE92D6

 55003C

 FFAEF2

 3C0026

 FFCAFF

 220010

 FFE7FF

 000000

 A74285

 A74285

 A7317F

 A7538B

 A7217A

 A76390

 A71074

 A77496

 A7006F

 A7859B

 A795A1

 A7A6A7

 A7B7AC

 A7C8B2

 A7D8B8

# Harmonies

## Analogous

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



7E55AA



A74285



B53C5A

# Triad

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



A74285



6E6B00



007AA0

# Complementary

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



A74285



42A764

# 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.



007C77



A74285



3E7520

# Square

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



A74285



935C0C



007A4A



0074B9

# Rectangle

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



A74285



B2433E



007A4A



007B93



# Sweetspot

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



A74285



D9B2CC



6442A7



6E5666



EDEDED



6E6E6E



# Same Dimension

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



A74285



D93BA3



A74253



544C51



940062



14000E



# Inverse Universe

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



A74285



D93BA3



42A796



544C51



940062



14000E



# Previews

## White Background



This preview shows how the Hex color A74285 looks on a white background.

## Color Contrast Check

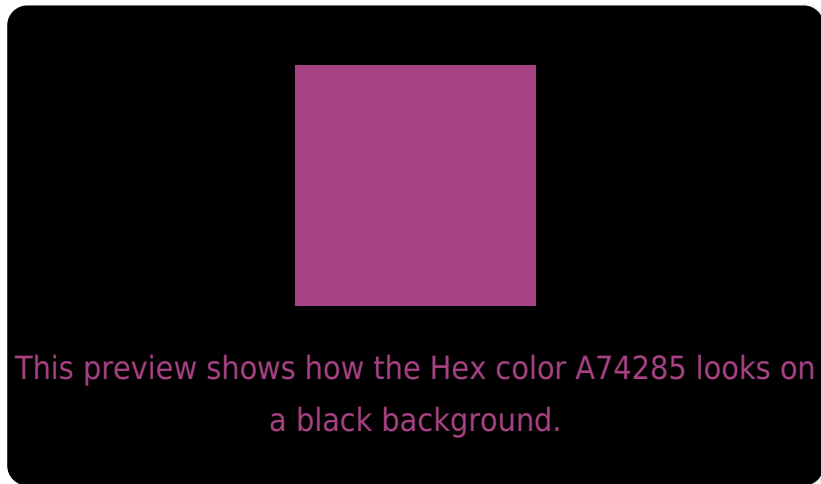
Large Text (above 18pt) WCAG AA ✓ Pass

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 A74285 Background



This preview shows how black text looks on a background with the Hex color A74285.

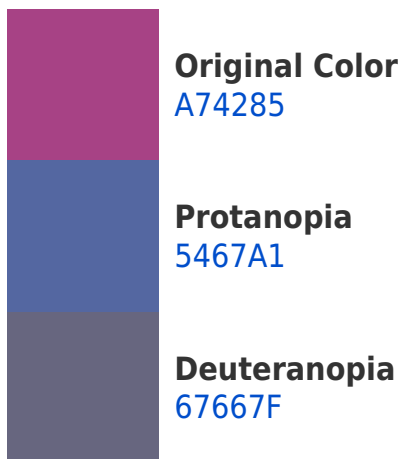



This preview shows how white text looks on a background with the Hex color A74285.

# 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](#).

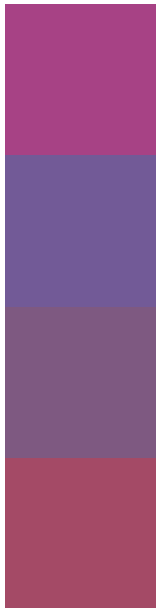
## Dichromacy





**Tritanopia**  
A24E54

# Trichromacy



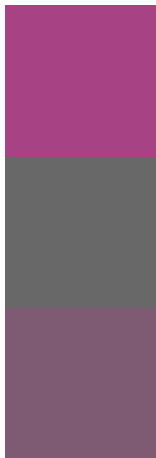
**Original Color**  
A74285

**Protanomaly**  
725A97

**Deuteranomaly**  
7E5981

**Tritanomaly**  
A44A66

# Monochromacy



**Original Color**  
A74285

**Achromatopsia**  
686868

**Achromatomaly**  
7F5A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A74285 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 #A74285 looks like.

```
.text, #text, p{  
    color:#A74285  
}
```

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 #A74285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74285
}
```

## Border

The CSS property to change the border of an element to Hex A74285 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
#A74285 }
```

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

```
.border{ border-color:#A74285 }
```

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

Here you see how a box with a 4 pixel #A74285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74285; -webkit-box-shadow:4px 4px  
4px 4px #A74285; box-shadow:4px 4px 4px  
4px #A74285 }
```

# Background

The CSS property to change the background color of an element to Hex A74285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74285 }
```

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

```
.background{ background-color:#A74285 }
```

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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