

# Converting Colors

Hex(A45E84)

Have a look what the booklet for  
Hex(A45E84) contains.

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# Color

**Hex(A45E84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A45E84
RGB	164, 94, 132
RGB Percent	64%, 37%, 52%
CMY	0.3569, 0.6314, 0.4824
CMYK	0.00, 0.43, 0.20, 0.36
HSL	327°, 28%, 51%
HSV	327°, 43%, 64%
XYZ	23.4774, 17.5639, 23.9826
YIQ	119.2620, 29.5220, 26.6580

# Conversions

## Conversions Part 2

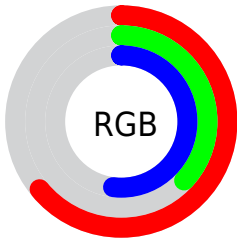
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 94, 132
Decimal	10772100
CIELab	48.96, 33.71, -8.78
CIElCh	49, 34.831, 345.402
Yxy	17.5639, 0.3611, 0.2701
Android (android.graphics.Color)	4288962180 (0xFFA45E84)
YUV	119.2620, 6.2798, 39.2352
Hunter-Lab	41.9093, 26.6538, -4.5922

# Details

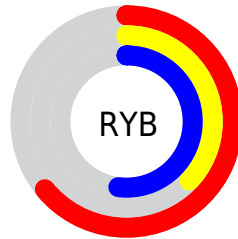
The Hex color **A45E84** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5EA47E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DC92B9**, and **6E2D53** is the 20% darker color. If you saturate the color by 10%, you get **A44E7D**, and if you desaturate by 10%, it is **A46E8B**.

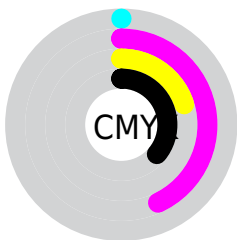
# Distribution



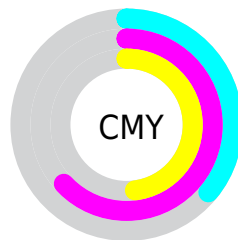
- Red (64%)
- Green (37%)
- Blue (52%)



- Red (64%)
- Yellow (37%)
- Blue (52%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (36%)



- Cyan (36%)
- Magenta (63%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A45E84 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 A45E84 by changing the saturation by 10% instead.





A45E84



A45E84

FFFFFF



89456B



DC92B9



6E2D53



F9ADD5



55143B



FFC9F1



3C0026



FFE5FF



270011



000000



A45E84



A45E84



A44E7D



A46E8B



A43D75



A47F93

 A42D6E

 A48F9A

 A41C66

 A4A0A2

 A40C5F

 A4B0A9

 A40059

 A4C0B1

 A4D1B8

 A4E1C0

 A4F2C7

# Harmonies

## Analogous

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



8A679E



A45E84



AD5D66

# Triad

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



A45E84



78773A



00819E

# Complementary

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



A45E84



5EA47E

# 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.



008483



A45E84



567F4A

# Square

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



A45E84



936E3B



2A8364



1C7CAD

# Rectangle

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



A45E84



AA6054



2A8364



008396



# Sweetspot

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



A45E84



D6BAC9



7E5EA4



6B5A63



EBEBEB



6B6B6B



# Same Dimension

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



A45E84



D669A4



A45E61



52494E



91004F



12000A



# Inverse Universe

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



A45E84



D669A4



5EA4A0



52494E



91004F

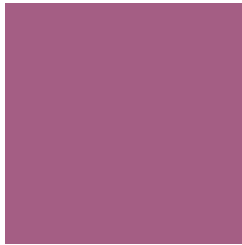


12000A



# Previews

## White Background



This preview shows how the Hex color A45E84 looks on a white background.

## Color Contrast Check

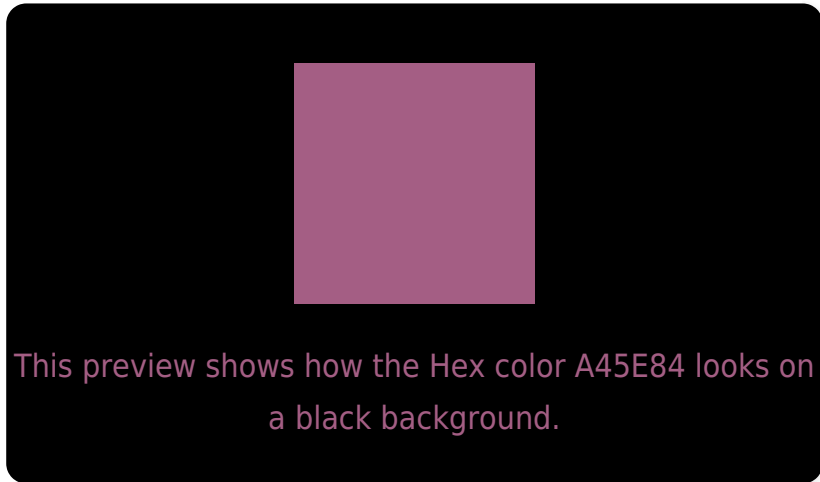
Large Text (above 18pt) WCAG AA ✓ Pass

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

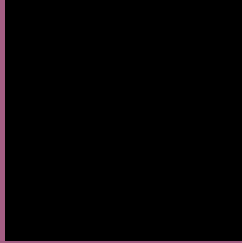
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A45E84 Background



This preview shows how black text looks on a background with the Hex color A45E84.

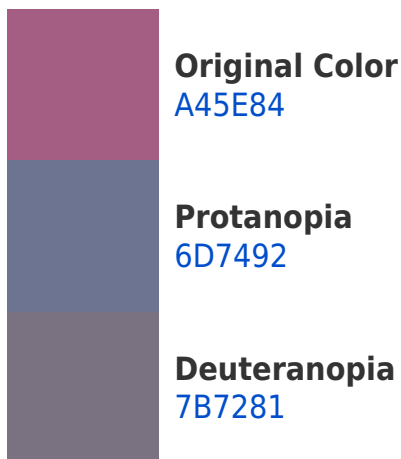



This preview shows how white text looks on a background with the Hex color A45E84.

# 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**  
A1636A

# Trichromacy



**Original Color**  
A45E84

**Protanomaly**  
816C8D

**Deuteranomaly**  
8A6B82

**Tritanomaly**  
A26173

# Monochromacy



**Original Color**  
A45E84

**Achromatopsia**  
777777

**Achromatomaly**  
876E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A45E84 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 #A45E84 looks like.

```
.text, #text, p{  
    color:#A45E84  
}
```

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 #A45E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45E84
}
```

## Border

The CSS property to change the border of an element to Hex A45E84 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
#A45E84 }
```

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

```
.border{ border-color:#A45E84 }
```

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

Here you see how a box with a 4 pixel #A45E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45E84; -webkit-box-shadow:4px 4px  
4px 4px #A45E84; box-shadow:4px 4px 4px  
4px #A45E84 }
```

# Background

The CSS property to change the background color of an element to Hex A45E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45E84 }
```

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

```
.background{ background-color:#A45E84 }
```

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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