

# Converting Colors

Hex(A45B6F)

Have a look what the booklet for  
Hex(A45B6F) contains.

<b>Hex(A45B6F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A45B6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A45B6F
RGB	164, 91, 111
RGB Percent	64%, 36%, 44%
CMY	0.3569, 0.6431, 0.5647
CMYK	0.00, 0.45, 0.32, 0.36
HSL	344°, 29%, 50%
HSV	344°, 45%, 64%
XYZ	21.9202, 16.5224, 17.0727
YIQ	115.1070, 37.0880, 21.6960

# Conversions

## Conversions Part 2

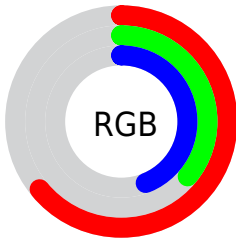
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 91, 111
Decimal	10771311
CIE <sub>Lab</sub>	47.65, 32.26, 1.90
CIE <sub>LCh</sub>	48, 32.315, 3.367
Yxy	16.5224, 0.3948, 0.2976
Android (android.graphics.Color)	4288961391 (0xFFA45B6F)
YUV	115.1070, -2.0248, 42.8792
Hunter-Lab	40.6477, 25.1265, 3.5506

# Details

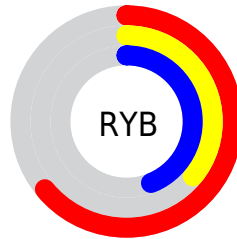
The Hex color **A45B6F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5BA490**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DD8FA3**, and **6E2A3F** is the 20% darker color. If you saturate the color by 10%, you get **A44B63**, and if you desaturate by 10%, it is **A46B7B**.

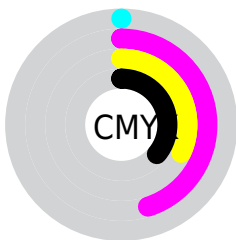
# Distribution



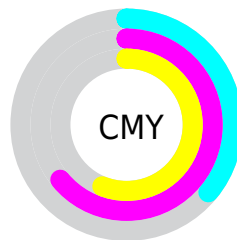
- Red (64%)
- Green (36%)
- Blue (44%)



- Red (64%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (32%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A45B6F 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 A45B6F by changing the saturation by 10% instead.





A45B6F



A45B6F

FFFFFF



894257



DD8FA3



6E2A3F



FAAABE



54112A



FFC5D9



3A0015



FFE2F6



240001

FFFEFF



000000



A45B6F



A45B6F



A44B63



A46B7B



A43A57



A47C87

 A42A4B

 A48C93

 A4193F

 A49D9F

 A40933

 A4ADAB

 A4002D

 A4BDB6

 A4CEC2

 A4DECE

 A4EFDA

# Harmonies

## Analogous

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



965F8A



A45B6F



A35E55

# Triad

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



A45B6F



637842



007AA1

# Complementary

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



A45B6F



5BA490

# 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.



007E8E



A45B6F



407D58

# Square

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



A45B6F



7F703A



047F73



4B73A7

# Rectangle

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



A45B6F



9B6446



047F73



007C9C



# Sweetspot

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



A45B6F



D6BAC2



8F5BA4



6B5A5F



EBEBEB



6B6B6B



# Same Dimension

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



A45B6F



D66584



A46B5B



52494C



910028



120005



# Inverse Universe

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



A45B6F



D66584



5B94A4



52494C



910028

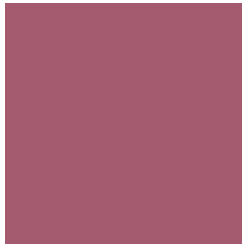


120005



# Previews

## White Background



This preview shows how the Hex color A45B6F looks on a white background.

## Color Contrast Check

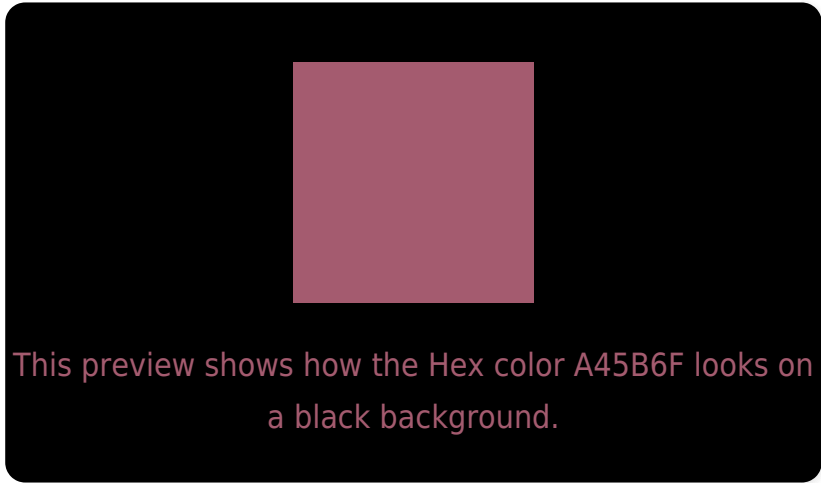
Large Text (above 18pt) WCAG AA ✓ Pass

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 A45B6F Background



This preview shows how black text looks on a background with the Hex color A45B6F.



This preview shows how white text looks on a background with the Hex color A45B6F.

# 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



**Original Color**  
A45B6F

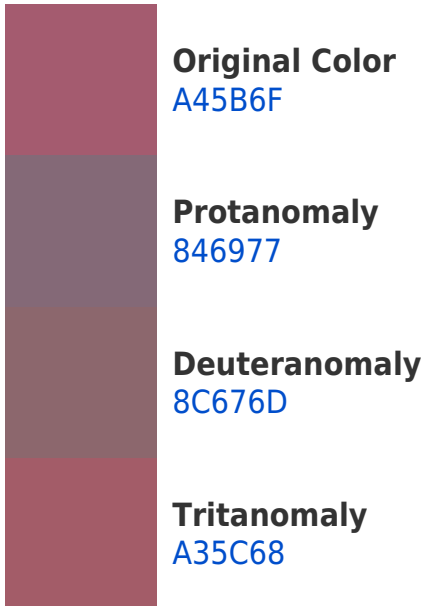
**Protanopia**  
71717C

**Deuteranopia**  
7F6E6C



**Tritanopia**  
A35D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A45B6F 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 #A45B6F looks like.

```
.text, #text, p{  
    color:#A45B6F  
}
```

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 #A45B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45B6F
}
```

## Border

The CSS property to change the border of an element to Hex A45B6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

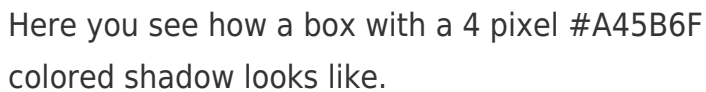
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45B6F }
```

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

```
.border{ border-color:#A45B6F }
```

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



Here you see how a box with a 4 pixel #A45B6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45B6F; -webkit-box-shadow:4px 4px  
4px 4px #A45B6F; box-shadow:4px 4px 4px  
4px #A45B6F }
```

# Background

The CSS property to change the background color of an element to Hex A45B6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45B6F }
```

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

```
.background{ background-color:#A45B6F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor