

# Converting Colors

Hex(A46E78)

Have a look what the booklet for  
Hex(A46E78) contains.

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# Color

**Hex(A46E78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A46E78
RGB	164, 110, 120
RGB Percent	64%, 43%, 47%
CMY	0.3569, 0.5686, 0.5294
CMYK	0.00, 0.33, 0.27, 0.36
HSL	349°, 23%, 54%
HSV	349°, 33%, 64%
XYZ	24.2759, 20.4004, 20.4275
YIQ	127.2860, 28.9740, 14.5580

# Conversions

## Conversions Part 2

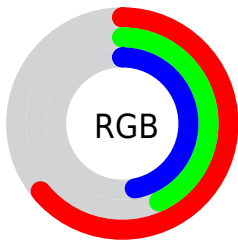
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 110, 120
Decimal	10776184
CIE <sub>Lab</sub>	52.29, 22.90, 3.24
CIE <sub>LCh</sub>	52, 23.124, 8.060
Y <sub>xy</sub>	20.4004, 0.3729, 0.3134
Android (android.graphics.Color)	4288966264 (0xFFA46E78)
Y <sub>UV</sub>	127.2860, -3.5920, 32.1982
Hunter-Lab	45.1668, 16.8969, 4.8019

# Details

The Hex color **A46E78** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6EA49A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **DCA2AC**, and **6F3D48** is the 20% darker color. If you saturate the color by 10%, you get **A45E6B**, and if you desaturate by 10%, it is **A47E85**.

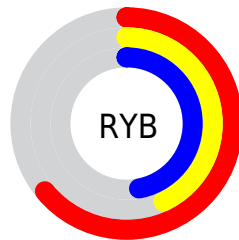
# Distribution



Red (64%)

Green (43%)

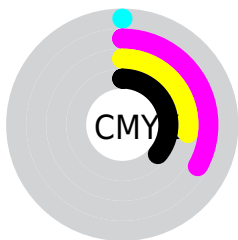
Blue (47%)



Red (64%)

Yellow (43%)

Blue (47%)

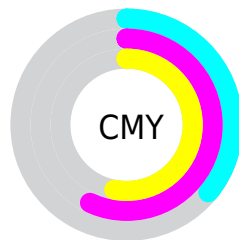


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (36%)



Cyan (36%)

Magenta (57%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A46E78 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 A46E78 by changing the saturation by 10% instead.





A46E78



A46E78

FFFFFF



89555F



DCA2AC



6F3D48



F9BDC7



552731



FFD9E4



3D101C



FFF6FF



290001



000000



A46E78



A46E78



A45E6B



A47E85



A44D5D



A48F93

 A43D50

 A49FA0

 A42C43

 A4B0AD

 A41C35

 A4C0BB

 A40C28

 A4D0C8

 A4001E

 A4E1D6

 A4F1E3

 A4FFF0

# Harmonies

## Analogous

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



9A708C



A46E78



A27165

# Triad

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



A46E78



70835D



4F83A1

# Complementary

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



A46E78



6EA49A

# 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.



3F8794



A46E78



59866D

# Square

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



A46E78



857D55



458882



6B7DA4

# Rectangle

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



A46E78



9C745C



458882



47849E



# Sweetspot

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



A46E78



D6C1C5



996EA4



6B5E61



EBEBEB



6B6B6B



# Same Dimension

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



A46E78



D68190



A47E6E



52494B



91001B



120003



# Inverse Universe

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



A46E78



D68190



6E94A4



52494B



91001B

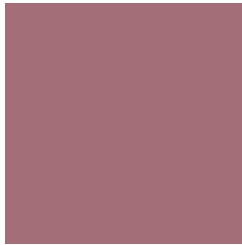


120003



# Previews

## White Background



This preview shows how the Hex color A46E78 looks on a white background.

## Color Contrast Check

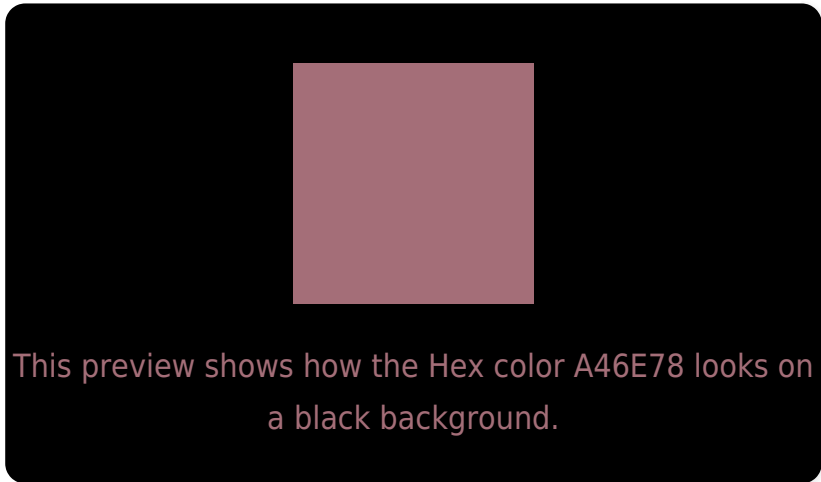
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 A46E78 Background



This preview shows how black text looks on a background with the Hex color A46E78.



This preview shows how white text looks on a background with the Hex color A46E78.

# 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**  
A46E78

**Protanopia**  
7E7C80

**Deuteranopia**  
8C7976



**Tritanopia**  
A46E77

# Trichromacy



**Original Color**  
A46E78

**Protanomaly**  
8C777D

**Deuteranomaly**  
957577

**Tritanomaly**  
A46E77

# Monochromacy



**Original Color**  
A46E78

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
8C797C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A46E78 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 #A46E78 looks like.

```
.text, #text, p{  
    color:#A46E78  
}
```

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 #A46E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46E78
}
```

## Border

The CSS property to change the border of an element to Hex A46E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

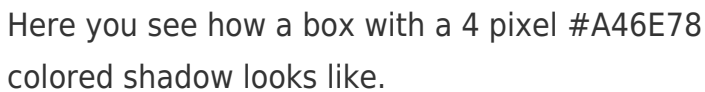
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A46E78 }
```

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

```
.border{ border-color:#A46E78 }
```

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



Here you see how a box with a 4 pixel #A46E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46E78; -webkit-box-shadow:4px 4px  
4px 4px #A46E78; box-shadow:4px 4px 4px  
4px #A46E78 }
```

# Background

The CSS property to change the background color of an element to Hex A46E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46E78 }
```

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

```
.background{ background-color:#A46E78 }
```

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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