

Converting Colors

Hex(A45F7F)

Have a look what the booklet for
Hex(A45F7F) contains.

Hex(A45F7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A45F7F)

Conversions

Conversions Part 1

Format	Color
Hex	A45F7F
RGB	164, 95, 127
RGB Percent	64%, 37%, 50%
CMY	0.3569, 0.6275, 0.5020
CMYK	0.00, 0.42, 0.23, 0.36
HSL	332°, 27%, 51%
HSV	332°, 42%, 64%
XYZ	23.2328, 17.6092, 22.2531
YIQ	119.2790, 30.8520, 24.5800

Conversions

Conversions Part 2

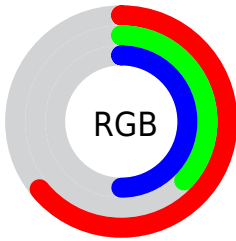
Format	Color
RYB	164, 95, 127
Decimal	10772351
CIELab	49.02, 32.37, -5.71
CIELCh	49, 32.872, 350.003
Yxy	17.6092, 0.3682, 0.2791
Android (android.graphics.Color)	4288962431 (0xFFA45F7F)
YUV	119.2790, 3.8065, 39.2203
Hunter-Lab	41.9634, 25.3898, -2.0670

Details

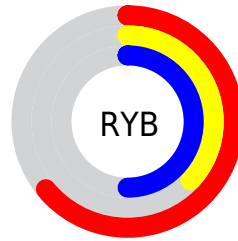
The Hex color **A45F7F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5FA484**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DC93B4**, and **6E2E4E** is the 20% darker color. If you saturate the color by 10%, you get **A44F76**, and if you desaturate by 10%, it is **A46F88**.

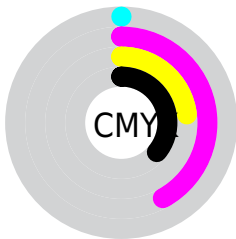
Distribution



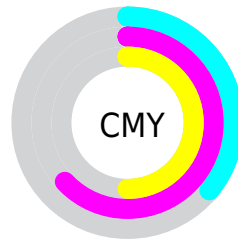
- Red (64%)
- Green (37%)
- Blue (50%)



- Red (64%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color A45F7F 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 A45F7F by changing the saturation by 10% instead.

 A45F7F

 A45F7F

FFFFFF

 894666

 DC93B4

 6E2E4E

 F9AECF

 551637

 FFCAEB

 3C0022

 FFE6FF

 28000B

 000000

 A45F7F

 A45F7F

 A44F76

 A46F88

 A43E6D

 A48091

 A42E65

 A49099

 A41D5C

 A4A1A2

 A40D53

 A4B1AB

 A4004C

 A4C1B4

 A4D2BD

 A4E2C5

 A4F3CE

Harmonies

Analogous

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



8E6699



A45F7F



AA5F63

Triad

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



A45F7F



73793F



00809E

Complementary

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



A45F7F



5FA484

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.



008387



A45F7F



537F50

Square

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



A45F7F



8E703D



2A826A



347AAB

Rectangle

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



A45F7F



A66352



2A826A



008297

Sweetspot

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



A45F7F



D6BAC7



845FA4



6B5A62



EBEBEB



6B6B6B

Same Dimension

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



A45F7F



D66B9D



A4615F



52494D



910043



120008

Inverse Universe

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



A45F7F



D66B9D



5FA2A4



52494D



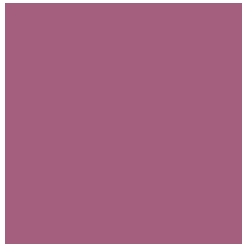
910043



120008

Previews

White Background



This preview shows how the Hex color A45F7F looks on a white background.

Color Contrast Check

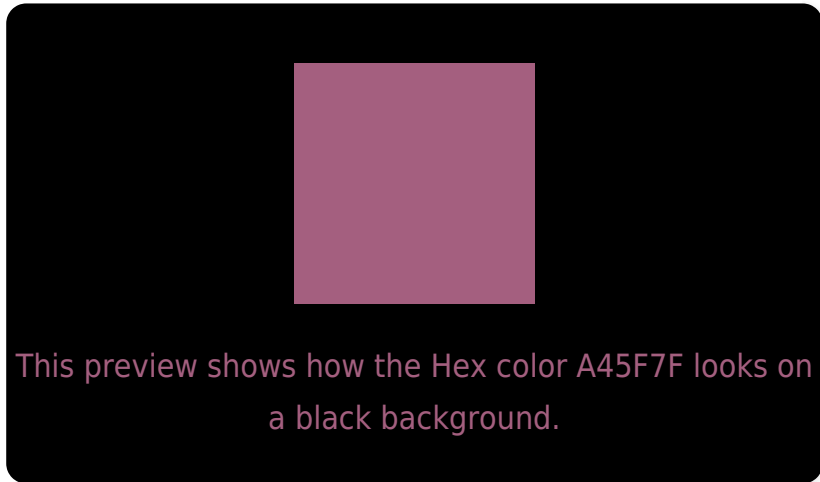
Large Text (above 18pt) WCAG AA ✓ Pass

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

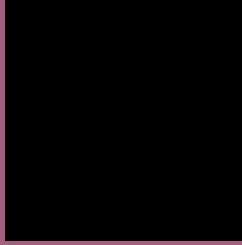
Any Text WCAG AA ✓ Pass

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 A45F7F Background



This preview shows how black text looks on a background with the Hex color A45F7F.




This preview shows how white text looks on a background with the Hex color A45F7F.

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
A2636A

Trichromacy



Original Color
A45F7F

Protanomaly
836C87

Deuteranomaly
8B6A7D

Tritanomaly
A36272

Monochromacy



Original Color
A45F7F

Achromatopsia
777777

Achromatomaly
876E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex A45F7F 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 #A45F7F looks like.

```
.text, #text, p{  
    color:#A45F7F  
}
```

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 #A45F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45F7F
}
```

Border

The CSS property to change the border of an element to Hex A45F7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

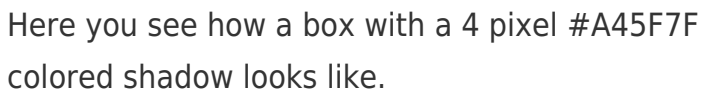
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45F7F }
```

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

```
.border{ border-color:#A45F7F }
```

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



Here you see how a box with a 4 pixel #A45F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45F7F; -webkit-box-shadow:4px 4px  
4px 4px #A45F7F; box-shadow:4px 4px 4px  
4px #A45F7F }
```

Background

The CSS property to change the background color of an element to Hex A45F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45F7F }
```

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

```
.background{ background-color:#A45F7F }
```

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