

Converting Colors

Hex(A45687)

Have a look what the booklet for
Hex(A45687) contains.

Hex(A45687)	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(A45687)

Conversions

Conversions Part 1

Format	Color
Hex	A45687
RGB	164, 86, 135
RGB Percent	64%, 34%, 53%
CMY	0.3569, 0.6627, 0.4706
CMYK	0.00, 0.48, 0.18, 0.36
HSL	322°, 31%, 49%
HSV	322°, 48%, 64%
XYZ	23.0108, 16.2974, 24.8546
YIQ	114.9080, 30.7590, 31.7750

Conversions

Conversions Part 2

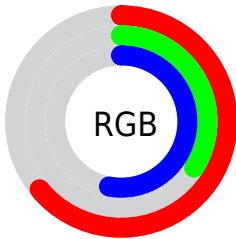
Format	Color
RYB	164, 86, 135
Decimal	10770055
CIELab	47.36, 38.51, -12.99
CIELCh	47, 40.644, 341.368
Yxy	16.2974, 0.3586, 0.2540
Android (android.graphics.Color)	4288960135 (0xFFA45687)
YUV	114.9080, 9.9054, 43.0537
Hunter-Lab	40.3700, 31.0971, -8.2441

Details

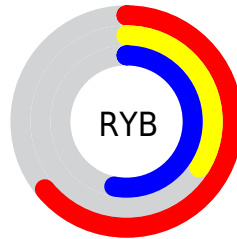
The Hex color **A45687** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **56A473**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DD8ABC**, and **6E2455** is the 20% darker color. If you saturate the color by 10%, you get **A44681**, and if you desaturate by 10%, it is **A4668D**.

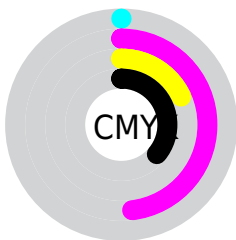
Distribution



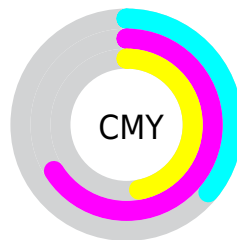
- Red (64%)
- Green (34%)
- Blue (53%)



- Red (64%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color A45687 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 A45687 by changing the saturation by 10% instead.

 A45687

 A45687

FFFFFF

 893D6E

 DD8ABC

 6E2455

 FAA5D8

 54063E

 FFC1F5

 3B0028

 FFDDFF

 250013

 FFFAFF

 000000

 A45687

 A45687

 A44681

 A4668D

 A4357B

 A47793

 A42575

 A48799

 A4146F

 A4989F

 A40469

 A4A8A5

 A40067

 A4B8AC

 A4C9B2

 A4D9B8

 A4EABE

Harmonies

Analogous

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



8462A4



A45687



B05365

Triad

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



A45687



77732A



00809D

Complementary

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



A45687



56A473

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.



00817D



A45687



527B3B

Square

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



A45687



95672E



148059



007AB1

Rectangle

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



A45687



AE574F



148059



008193

Sweetspot

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



A45687



D6B8CB



7356A4



6B5964



EBEBEB



6B6B6B

Same Dimension

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



A45687



D65CA9



A45660



52494F



91005B



12000B

Inverse Universe

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



A45687



D65CA9



56A49A



52494F



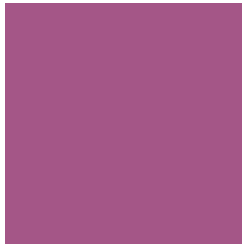
91005B



12000B

Previews

White Background



This preview shows how the Hex color A45687 looks on a white background.

Color Contrast Check

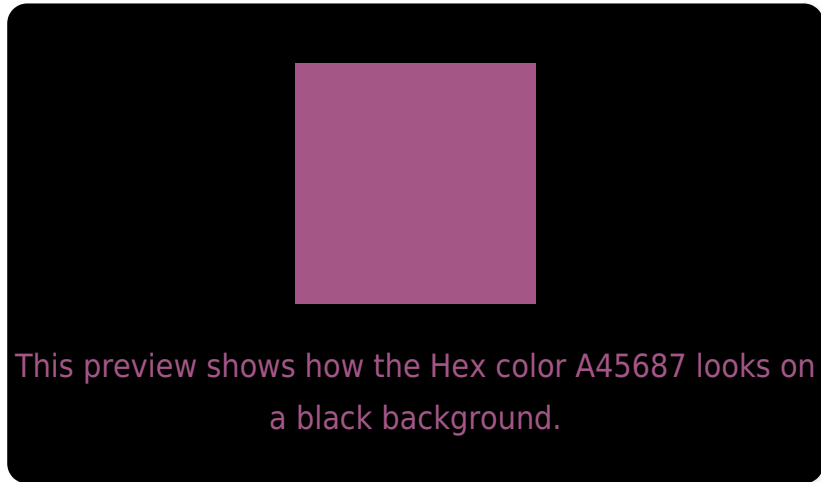
Large Text (above 18pt) WCAG AA ✓ Pass

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

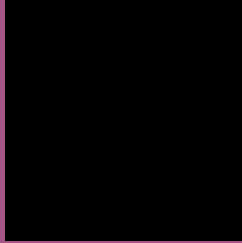
Any Text WCAG AA × Fail

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 A45687 Background



This preview shows how black text looks on a background with the Hex color A45687.



This preview shows how white text looks on a background with the Hex color A45687.

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
A45687

Protanopia
656F99

Deuteranopia
736E83



Tritanopia
A05D64

Trichromacy



Original Color
A45687

Protanomaly
7C6692

Deuteranomaly
856584

Tritanomaly
A15A71

Monochromacy



Original Color
A45687

Achromatopsia
737373

Achromatomaly
85687A

CSS Examples

Text

The CSS property to change the color of the text to Hex A45687 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 #A45687 looks like.

```
.text, #text, p{  
    color:#A45687  
}
```

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 #A45687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45687
}
```

Border

The CSS property to change the border of an element to Hex A45687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

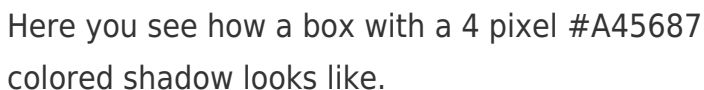
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45687 }
```

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

```
.border{ border-color:#A45687 }
```

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



Here you see how a box with a 4 pixel #A45687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45687; -webkit-box-shadow:4px 4px  
4px 4px #A45687; box-shadow:4px 4px 4px  
4px #A45687 }
```

Background

The CSS property to change the background color of an element to Hex A45687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45687 }
```

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

```
.background{ background-color:#A45687 }
```

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