

Converting Colors

Hex(A4566A)

Have a look what the booklet for
Hex(A4566A) contains.

Hex(A4566A)	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(A4566A)

Conversions

Conversions Part 1

Format	Color
Hex	A4566A
RGB	164, 86, 106
RGB Percent	64%, 34%, 42%
CMY	0.3569, 0.6627, 0.5843
CMYK	0.00, 0.48, 0.35, 0.36
HSL	345°, 31%, 49%
HSV	345°, 48%, 64%
XYZ	21.2391, 15.5887, 15.5252
YIQ	111.6020, 40.0680, 22.7560

Conversions

Conversions Part 2

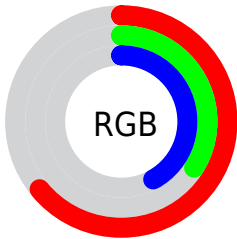
Format	Color
RYB	164, 86, 106
Decimal	10770026
CIELab	46.43, 34.32, 3.15
CIElCh	46, 34.463, 5.249
Yxy	15.5887, 0.4057, 0.2978
Android (android.graphics.Color)	4288960106 (0xFFA4566A)
YUV	111.6020, -2.7618, 45.9530
Hunter-Lab	39.4825, 26.9275, 4.3240

Details

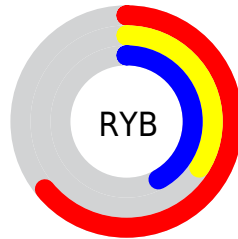
The Hex color **A4566A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56A490**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **DD8A9D**, and **6D253B** is the 20% darker color. If you saturate the color by 10%, you get **A4465E**, and if you desaturate by 10%, it is **A46676**.

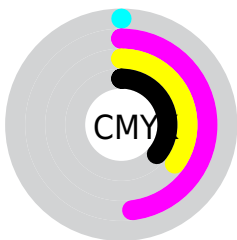
Distribution



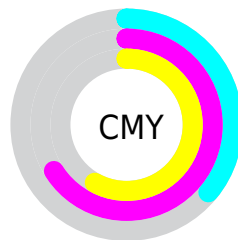
- Red (64%)
- Green (34%)
- Blue (42%)



- Red (64%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (35%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4566A 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 A4566A by changing the saturation by 10% instead.



A4566A



A4566A

FFFFFF



883D52



DD8A9D



6D253B



FAA4B8



530A25



FFC0D4



3A0010



FFDCF0



210001



FFF9FF



000000



A4566A



A4566A



A4465E



A46676



A43552



A47782

 A42545

 A4878F

 A41439

 A4989B

 A4042D

 A4A8A7

 A4002A

 A4B8B3

 A4C9BF

 A4D9CC

 A4EAD8

Harmonies

Analogous

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



965A87



A4566A



A25A4E

Triad

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



A4566A



5C763D



0077A2

Complementary

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



A4566A



56A490

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.



007C8E



A4566A



367B55

Square

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



A4566A



7B6E33



007D72



476FA7

Rectangle

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



A4566A



99603F



007D72



00799D

Sweetspot

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



A4566A



D6B8C0



8F56A4



6B595E



EBEBEB



6B6B6B

Same Dimension

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



A4566A



D65C7B



A46856



52494C



910025



120005

Inverse Universe

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



A4566A



D65C7B



5692A4



52494C



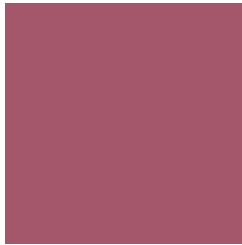
910025



120005

Previews

White Background



This preview shows how the Hex color A4566A looks on a white background.

Color Contrast Check

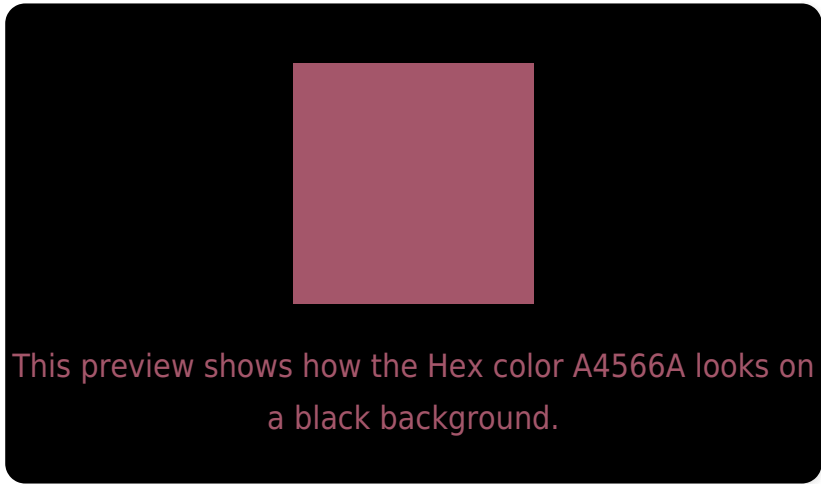
Large Text (above 18pt) WCAG AA ✓ Pass

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 A4566A Background



This preview shows how black text looks on a background with the Hex color A4566A.



This preview shows how white text looks on a background with the Hex color A4566A.

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
A3585E

Trichromacy



Original Color
A4566A

Protanomaly
826573

Deuteranomaly
8B6368

Tritanomaly
A35762

Monochromacy



Original Color
A4566A

Achromatopsia
707070

Achromatomaly
83676E

CSS Examples

Text

The CSS property to change the color of the text to Hex A4566A 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 #A4566A looks like.

```
.text, #text, p{  
    color:#A4566A  
}
```

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 #A4566A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4566A
}
```

Border

The CSS property to change the border of an element to Hex A4566A is called "border". The border property can be set on classes, ids or directly on the HTML element.

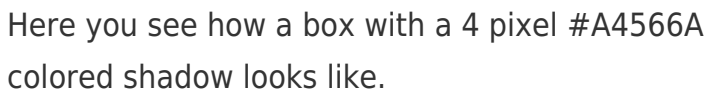
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4566A }
```

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

```
.border{ border-color:#A4566A }
```

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



Here you see how a box with a 4 pixel #A4566A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4566A; -webkit-box-shadow:4px 4px  
4px 4px #A4566A; box-shadow:4px 4px 4px  
4px #A4566A }
```

Background

The CSS property to change the background color of an element to Hex A4566A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4566A }
```

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

```
.background{ background-color:#A4566A }
```

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