

# Converting Colors

Hex(A546A8)

Have a look what the booklet for  
Hex(A546A8) contains.

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# Color

**Hex(A546A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A546A8
RGB	165, 70, 168
RGB Percent	65%, 27%, 66%
CMY	0.3529, 0.7255, 0.3412
CMYK	0.02, 0.58, 0.00, 0.34
HSL	298°, 41%, 47%
HSV	298°, 58%, 66%
XYZ	24.7751, 15.2068, 38.6752
YIQ	109.5770, 25.1620, 50.6180

# Conversions

## Conversions Part 2

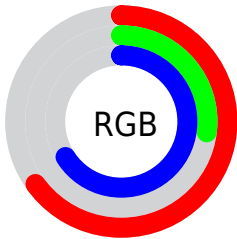
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 70, 168</a>
Decimal	<a href="#">10831528</a>
CIELab	<a href="#">45.92, 52.52, -34.89</a>
CIELCh	<a href="#">46, 63.048, 326.402</a>
Yxy	<a href="#">15.2068, 0.3150, 0.1933</a>
Android (android.graphics.Color)	<a href="#">4289021608 (0xFFA546A8)</a>
YUV	<a href="#">109.5770, 28.8025, 48.6060</a>
Hunter-Lab	<a href="#">38.9959, 45.1628, -31.5053</a>

# Details

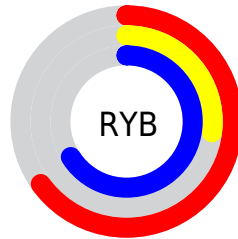
The Hex color **A546A8** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49A846**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **DE7CE0**, and **6E0773** is the 20% darker color. If you saturate the color by 10%, you get **A435A8**, and if you desaturate by 10%, it is **A657A8**.

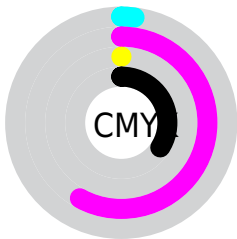
# Distribution



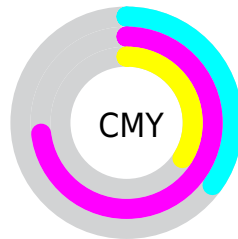
- Red (65%)
- Green (27%)
- Blue (66%)



- Red (65%)
- Yellow (27%)
- Blue (66%)



- Cyan (2%)
- Magenta (58%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (73%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A546A8 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 A546A8 by changing the saturation by 10% instead.



 A546A8

 A546A8

FFFFFF

 892A8D

 DE7CE0

 6E0773

 FC97FC

 54005A

 FFB3FF

 3A0042

 FFCFFF

 22002C

 FFECFF

 000116

 000000

 A546A8

 A546A8

 A435A8

 A657A8

 A424A8

 A668A8

 A314A8

 A778A8

 A303A8

 A789A8

 A300A8

 A89AA8

 A8ABA8

 A9BCA8

 A9CCA8

 AADDA8

# Harmonies

## Analogous

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



5A62CC



A546A8



C52F75

# Triad

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



A546A8



896800



00849A

# Complementary

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



A546A8



49A846

# 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.



008465



A546A8



567700

# Square

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



A546A8



B0520C



00802D



0080C5

# Rectangle

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



A546A8



C93152



00802D



008489



# Sweetspot

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



A546A8



DAB4DB



4649A8



6D566E



EDEDED



6E6E6E



# Same Dimension

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



A546A8



D742DB



A8467A



544C54



8F0094



140014



# Inverse Universe

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



A84649



DB4246



46A874



544C4C



940005



140001



# Previews

## White Background



This preview shows how the Hex color A546A8 looks on a white background.

## Color Contrast Check

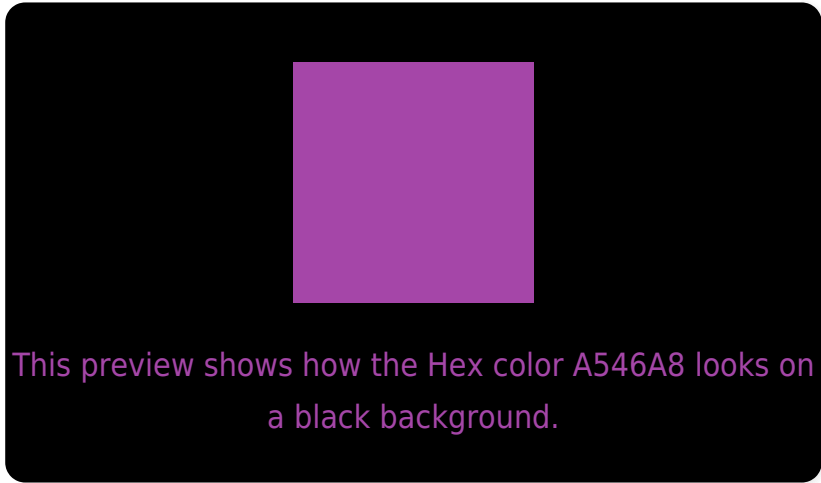
Large Text (above 18pt) WCAG AA ✓ Pass

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 A546A8 Background



This preview shows how black text looks on a background with the Hex color A546A8.

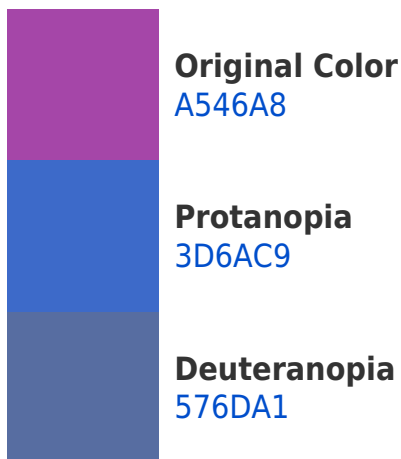



This preview shows how white text looks on a background with the Hex color A546A8.

# 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



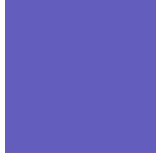


**Tritanopia**  
9C5A60

# Trichromacy



**Original Color**  
A546A8



**Protanomaly**  
635DBD



**Deuteranomaly**  
735FA4



**Tritanomaly**  
9F537A

# Monochromacy



**Original Color**  
A546A8



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
825F83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A546A8 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 #A546A8 looks like.

```
.text, #text, p{  
    color:#A546A8  
}
```

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 #A546A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A546A8  
}
```

## Border

The CSS property to change the border of an element to Hex A546A8 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  
#A546A8 }
```

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

```
.border{ border-color:#A546A8 }
```

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

Here you see how a box with a 4 pixel #A546A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A546A8; -webkit-box-shadow:4px 4px  
4px 4px #A546A8; box-shadow:4px 4px 4px  
4px #A546A8 }
```

# Background

The CSS property to change the background color of an element to Hex A546A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A546A8 }
```

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

```
.background{ background-color:#A546A8 }
```

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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