

# Converting Colors

Hex(A576B5)

Have a look what the booklet for  
Hex(A576B5) contains.

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# **Color**

**Hex(A576B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A576B5
RGB	165, 118, 181
RGB Percent	65%, 46%, 71%
CMY	0.3529, 0.5373, 0.2902
CMYK	0.09, 0.35, 0.00, 0.29
HSL	285°, 30%, 59%
HSV	285°, 35%, 71%
XYZ	30.3360, 24.2924, 46.8061
YIQ	139.2350, 7.7890, 29.5570

# Conversions

## Conversions Part 2

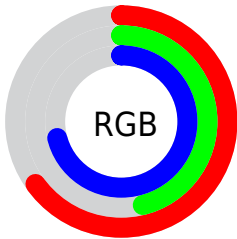
Format	Color
<b>RYB</b>	165, 118, 181
Decimal	10843829
CIELab	56.38, 29.72, -26.15
CIElCh	56, 39.586, 318.655
Yxy	24.2924, 0.2991, 0.2395
Android (android.graphics.Color)	4289033909 (0xFFA576B5)
YUV	139.2350, 20.5901, 22.5959
Hunter-Lab	49.2873, 23.6126, -21.8041

# Details

The Hex color **A576B5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **86B576**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **DDABED**, and **704580** is the 20% darker color. If you saturate the color by 10%, you get **A064B5**, and if you desaturate by 10%, it is **AA88B5**.

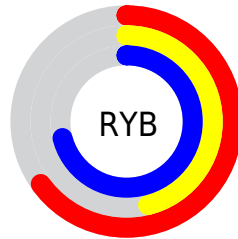
# Distribution



Red (65%)

Green (46%)

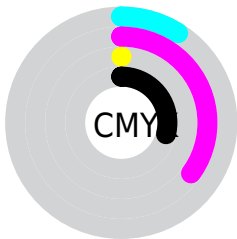
Blue (71%)



Red (65%)

Yellow (46%)

Blue (71%)

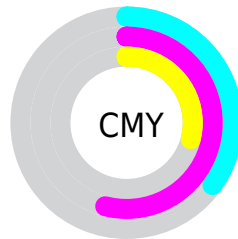


Cyan (9%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (54%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A576B5 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 A576B5 by changing the saturation by 10% instead.



 A576B5

 A576B5

FFFFFF

 8A5D9A

 DDABED

 704580

 FAC6FF

 572D67

 FFE3FF

 3E164E

 270037

 0D0022

 000006

 000000

 A576B5

 A576B5

 A064B5

 AA88B5

 9C52B5

 AE9AB5

 9740B5

 B3ACB5

 932EB5

 B7BEB5

 8E1BB5

 BCD1B5

 8909B5

 C1E3B5

 8700B5

 C5F5B5

 CAFFB5

 CEFFB5

# Harmonies

## Analogous

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



7683C8



A576B5



C16C96

# Triad

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



A576B5



A88143



00999C

# Complementary

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



A576B5



86B576

# 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.



279879



A576B5



878C44

# Square

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



A576B5



BF7455



5F9458



0096BA

# Rectangle

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



A576B5



C86B7E



5F9458



009990



# Sweetspot

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



A576B5



E5D3EB



7687B5



726775



F5F5F5



757575



# Same Dimension

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



A576B5



D288EB



B576A6



575059



720099



13001A



# Inverse Universe

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



B57686



EB88A1



76B585



595053



990027

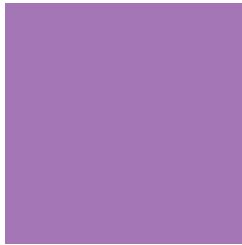


1A0006



# Previews

## White Background



This preview shows how the Hex color A576B5 looks on a white background.

## Color Contrast Check

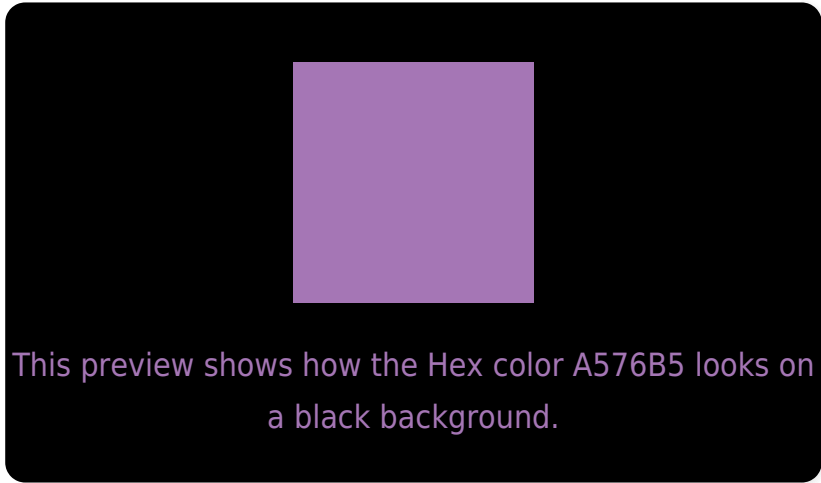
Large Text (above 18pt) WCAG AA ✓ Pass

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 A576B5 Background



This preview shows how black text looks on a background with the Hex color A576B5.

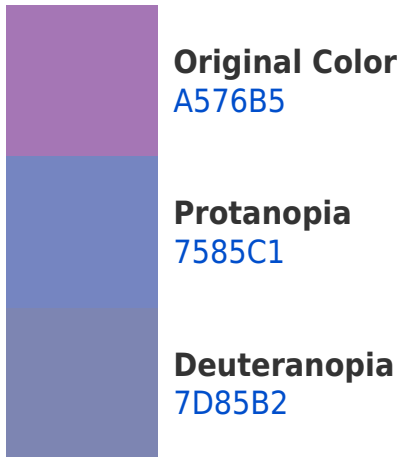


This preview shows how white text looks on a background with the Hex color A576B5.

# 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**  
9E7F89

# Trichromacy



**Original Color**  
A576B5

**Protanomaly**  
8680BD

**Deuteranomaly**  
8C80B3

**Tritanomaly**  
A17C99

# Monochromacy



**Original Color**  
A576B5

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
94839A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A576B5 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 #A576B5 looks like.

```
.text, #text, p{  
    color:#A576B5  
}
```

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 #A576B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A576B5
}
```

## Border

The CSS property to change the border of an element to Hex A576B5 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
#A576B5 }
```

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

```
.border{ border-color:#A576B5 }
```

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

Here you see how a box with a 4 pixel #A576B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A576B5; -webkit-box-shadow:4px 4px  
4px 4px #A576B5; box-shadow:4px 4px 4px  
4px #A576B5 }
```

# Background

The CSS property to change the background color of an element to Hex A576B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A576B5 }
```

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

```
.background{ background-color:#A576B5 }
```

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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