

# Converting Colors

Hex(A66795)

Have a look what the booklet for  
Hex(A66795) contains.

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# Color

**Hex(A66795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A66795
RGB	166, 103, 149
RGB Percent	65%, 40%, 58%
CMY	0.3490, 0.5961, 0.4157
CMYK	0.00, 0.38, 0.10, 0.35
HSL	316°, 26%, 53%
HSV	316°, 38%, 65%
XYZ	26.0009, 19.9774, 30.9194
YIQ	127.0810, 22.7820, 27.6620

# Conversions

## Conversions Part 2

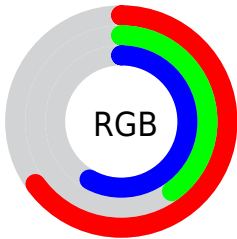
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 103, 149
Decimal	10905493
CIE <sub>Lab</sub>	51.81, 32.29, -14.54
CIE <sub>LCh</sub>	52, 35.411, 335.754
Yxy	19.9774, 0.3381, 0.2598
Android (android.graphics.Color)	4289095573 (0xFFA66795)
YUV	127.0810, 10.8061, 34.1320
Hunter-Lab	44.6961, 25.6202, -9.7277

# Details

The Hex color **A66795** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67A678**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **DE9BCB**, and **713662** is the 20% darker color. If you saturate the color by 10%, you get **A65691**, and if you desaturate by 10%, it is **A67899**.

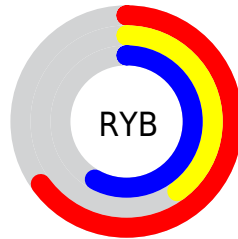
# Distribution



Red (65%)

Green (40%)

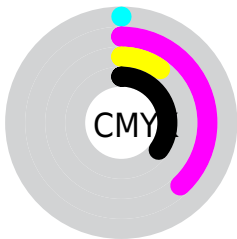
Blue (58%)



Red (65%)

Yellow (40%)

Blue (58%)

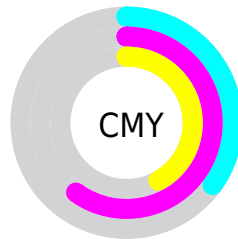


Cyan (0%)

Magenta (38%)

Yellow (10%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66795 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 A66795 by changing the saturation by 10% instead.



 A66795

 A66795

FFFFFF

 8B4E7B

 DE9BCB

 713662

 FBB6E7

 571E4A

 FFD2FF

 3F0434

 FFEFFF

 29001F

 000001

 000000

 A66795

 A66795

 A65691

 A67899

 A6468C

 A6889E

 A63588

 A699A2

 A62583

 A6A9A7

 A6147F

 A6BAAB

 A6037A

 A6CBB0

 A60079

 A6DBB4

 A6ECB9

 A6FCBD

# Harmonies

## Analogous

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



8671AD



A66795



B56377

# Triad

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



A66795



897C3E



008A9E

# Complementary

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



A66795



67A678

# 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.



008B81



A66795



698449

# Square

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



A66795



A27145



418962



0085B2

# Rectangle

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



A66795



B56563



418962



008B95



# Sweetspot

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



A66795



D9C1D2



7867A6



6E5F6A



EDEDED



6E6E6E



# Same Dimension

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



A66795



D975BE



A66776



544C52



94006C



14000F



# Inverse Universe

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



A66795



D975BE



67A697



544C52



94006C

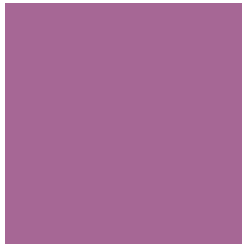


14000F



# Previews

## White Background



This preview shows how the Hex color A66795 looks on a white background.

## Color Contrast Check

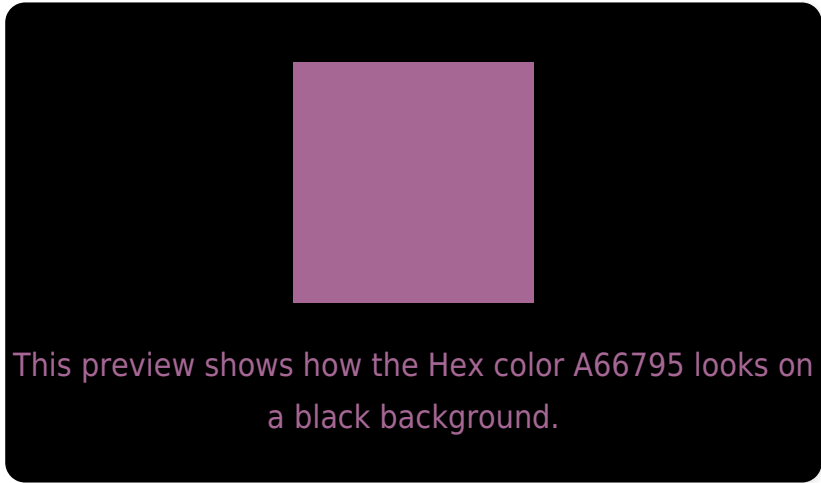
Large Text (above 18pt) WCAG AA ✓ Pass

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 A66795 Background



This preview shows how black text looks on a background with the Hex color A66795.

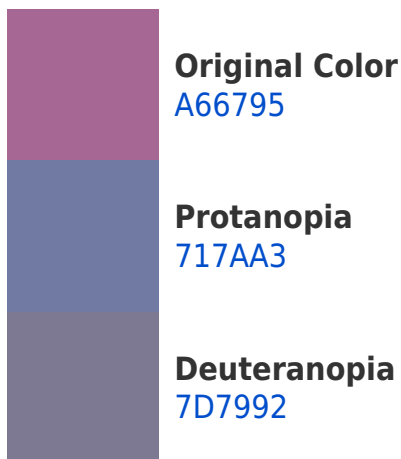



This preview shows how white text looks on a background with the Hex color A66795.

# 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**  
A26D75

# Trichromacy



**Original Color**  
A66795

**Protanomaly**  
84739E

**Deuteranomaly**  
8C7293

**Tritanomaly**  
A36B81

# Monochromacy



**Original Color**  
A66795

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
8D7687

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66795 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 #A66795 looks like.

```
.text, #text, p{  
    color:#A66795  
}
```

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 #A66795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66795  
}
```

## Border

The CSS property to change the border of an element to Hex A66795 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  
#A66795 }
```

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

```
.border{ border-color:#A66795 }
```

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

Here you see how a box with a 4 pixel #A66795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66795; -webkit-box-shadow:4px 4px  
4px 4px #A66795; box-shadow:4px 4px 4px  
4px #A66795 }
```

# Background

The CSS property to change the background color of an element to Hex A66795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66795 }
```

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

```
.background{ background-color:#A66795 }
```

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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