

# Converting Colors

Hex(A2577D)

Have a look what the booklet for  
Hex(A2577D) contains.

<b>Hex(A2577D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A2577D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2577D
RGB	162, 87, 125
RGB Percent	64%, 34%, 49%
CMY	0.3647, 0.6588, 0.5098
CMYK	0.00, 0.46, 0.23, 0.36
HSL	330°, 30%, 49%
HSV	330°, 46%, 64%
XYZ	22.0102, 15.9784, 21.3261
YIQ	113.7570, 32.5020, 27.7180

# Conversions

## Conversions Part 2

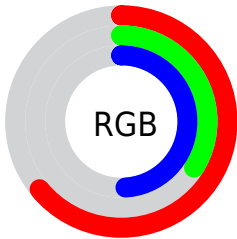
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 87, 125
Decimal	10639229
CIE <sub>Lab</sub>	46.95, 35.72, -7.62
CIE <sub>LCh</sub>	47, 36.526, 347.958
Yxy	15.9784, 0.3711, 0.2694
Android (android.graphics.Color)	4288829309 (0xFFA2577D)
YUV	113.7570, 5.5428, 42.3091
Hunter-Lab	39.9730, 28.3337, -3.6508

# Details

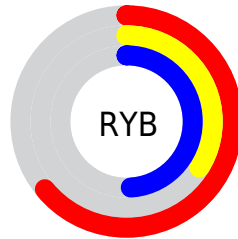
The Hex color **A2577D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **57A27C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **DA8BB2**, and **6C254C** is the 20% darker color. If you saturate the color by 10%, you get **A24775**, and if you desaturate by 10%, it is **A26785**.

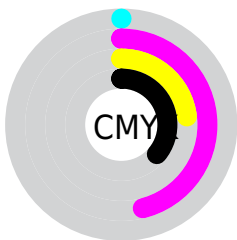
# Distribution



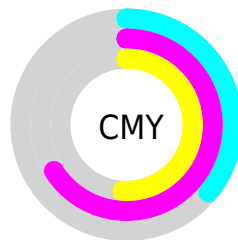
- Red (64%)
- Green (34%)
- Blue (49%)



- Red (64%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2577D 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 A2577D by changing the saturation by 10% instead.



 A2577D

 A2577D

FFFFFF

 873E64

 DA8BB2

 6C254C

 F8A6CD

 520A35

 FFC1E9

 390020

 FFDEFF

 230007

 FFFAFF

 000000

 A2577D

 A2577D

 A24775

 A26785

 A2376D

 A2778D

 A22665

 A28895

 A2165D

 A2989D

 A20655

 A2A8A5

 A20052

 A2B8AD

 A2C8B5

 A2D9BD

 A2E9C5

# Harmonies

## Analogous

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



896099



A2577D



A9565E

# Triad

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



A2577D



707333



007C9C

# Complementary

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



A2577D



57A27C

# 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.



007F81



A2577D



4C7A45

# Square

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



A2577D



8C6932



147E61



0876AB

# Rectangle

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



A2577D



A55B4B



147E61



007E94



# Sweetspot

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



A2577D



D4B6C5



7B57A2



6B5962



EBEBEB



6B6B6B



# Same Dimension

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



A2577D



D45D99



A25758



52494E



91004A



120009



# Inverse Universe

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



A2577D



D45D99



57A2A1



52494E



91004A

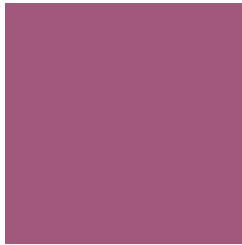


120009



# Previews

## White Background



This preview shows how the Hex color A2577D looks on a white background.

## Color Contrast Check

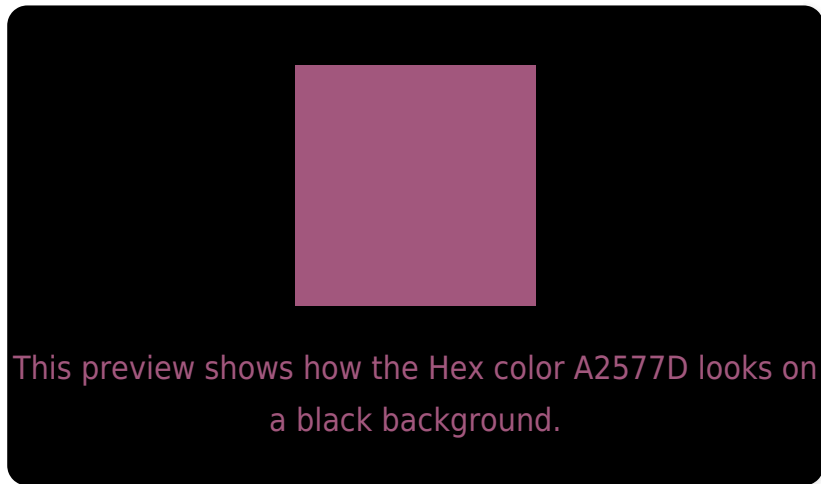
Large Text (above 18pt) WCAG AA ✓ Pass

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

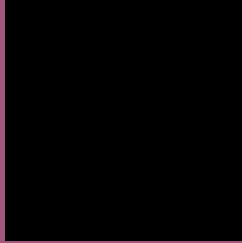
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2577D Background



This preview shows how black text looks on a background with the Hex color A2577D.



This preview shows how white text looks on a background with the Hex color A2577D.

# 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**  
A2577D

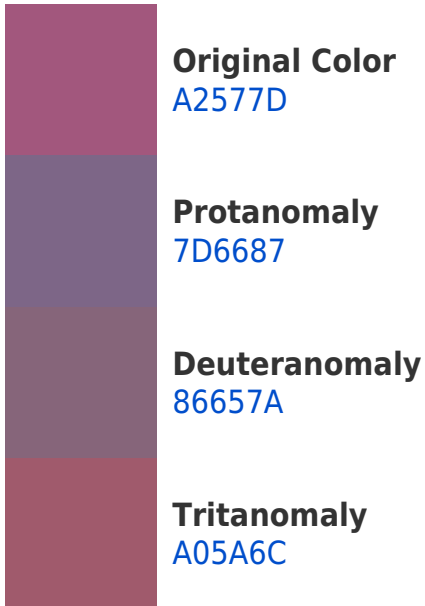
**Protanopia**  
686F8D

**Deuteranopia**  
766D79



**Tritanopia**  
9F5C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2577D 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 #A2577D looks like.

```
.text, #text, p{  
    color:#A2577D  
}
```

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 #A2577D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2577D
}
```

## Border

The CSS property to change the border of an element to Hex A2577D is called "border". The border property can be set on classes, ids or directly on the HTML element.

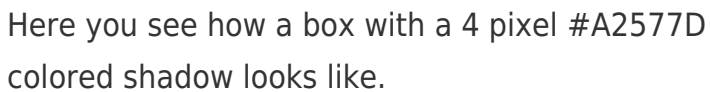
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2577D }
```

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

```
.border{ border-color:#A2577D }
```

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



Here you see how a box with a 4 pixel `#A2577D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2577D; -webkit-box-shadow:4px 4px  
4px 4px #A2577D; box-shadow:4px 4px 4px  
4px #A2577D }
```

# Background

The CSS property to change the background color of an element to Hex A2577D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2577D }
```

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

```
.background{ background-color:#A2577D }
```

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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