

# Converting Colors

Hex(A1587E)

Have a look what the booklet for  
Hex(A1587E) contains.

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# Color

**Hex(A1587E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A1587E
RGB	161, 88, 126
RGB Percent	63%, 35%, 49%
CMY	0.3686, 0.6549, 0.5059
CMYK	0.00, 0.45, 0.22, 0.37
HSL	329°, 29%, 49%
HSV	329°, 45%, 63%
XYZ	21.9536, 16.0629, 21.6820
YIQ	114.1590, 31.3100, 27.2940

# Conversions

## Conversions Part 2

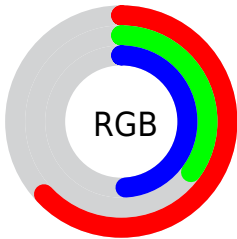
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 88, 126
Decimal	10573950
CIE <sub>Lab</sub>	47.06, 34.98, -8.07
CIE <sub>LCh</sub>	47, 35.901, 347.006
Yxy	16.0629, 0.3677, 0.2691
Android (android.graphics.Color)	4288764030 (0xFFA1587E)
<b>YUV</b>	114.1590, 5.8376, 41.0796
Hunter-Lab	40.0785, 27.6384, -4.0203

# Details

The Hex color **A1587E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **58A17B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D98CB3**, and **6B274D** is the 20% darker color. If you saturate the color by 10%, you get **A14876**, and if you desaturate by 10%, it is **A16886**.

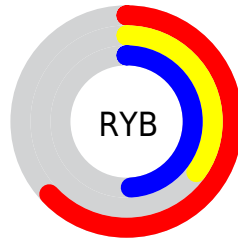
# Distribution



Red (63%)

Green (35%)

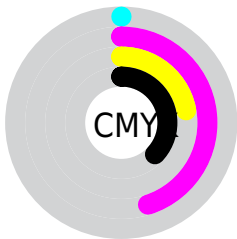
Blue (49%)



Red (63%)

Yellow (35%)

Blue (49%)

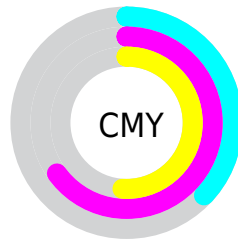


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (37%)



Cyan (37%)

Magenta (65%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1587E 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 A1587E by changing the saturation by 10% instead.



 A1587E

 A1587E

FFFFFF

 863F65

 D98CB3

 6B274D

 F6A7CE

 520C36

 FFC2EA

 390021

 FFDFFF

 230008

 FFFBFF

 000000

 A1587E

 A1587E

 A14876

 A16886

 A1386F

 A1788D

 A12867

 A18895

 A1185F

 A1989D

 A10857

 A1A8A5

 A10054

 A1B9AC

 A1C9B4

 A1D9BC

 A1E9C3

# Harmonies

## Analogous

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



886199



A1587E



A9575F

# Triad

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



A1587E



717334



007D9B

# Complementary

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



A1587E



58A17B

# 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.



007F80



A1587E



4F7A45

# Square

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



A1587E



8D6934



1B7E61



0C77AA

# Rectangle

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



A1587E



A55B4D



1B7E61



007E93



# Sweetspot

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



A1587E



D1B4C3



7A58A1



695760



E8E8E8



696969



# Same Dimension

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



A1587E



D1609B



A1585A



52494E



91004C



120009



# Inverse Universe

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



A1587E



D1609B



58A19F



52494E



91004C

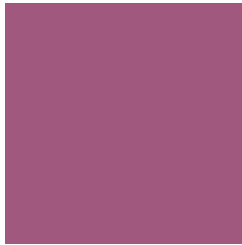


120009



# Previews

## White Background



This preview shows how the Hex color A1587E looks on a white background.

## Color Contrast Check

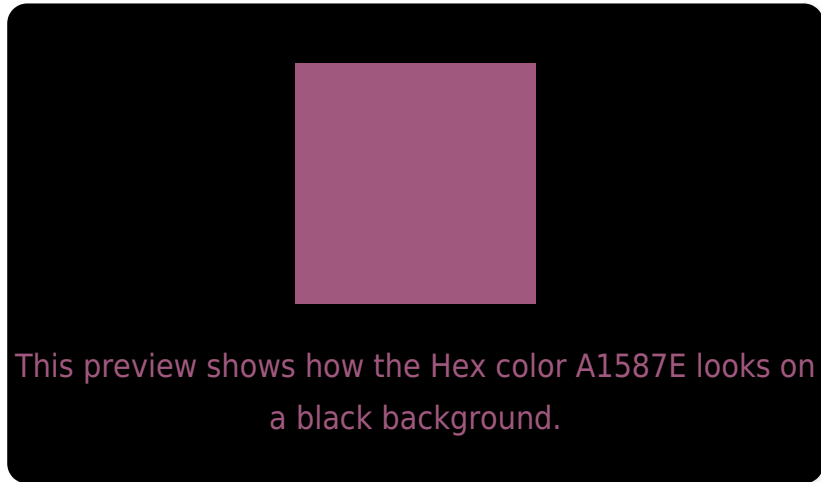
Large Text (above 18pt) WCAG AA ✓ Pass

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

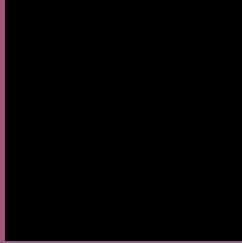
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A1587E Background



This preview shows how black text looks on a background with the Hex color A1587E.

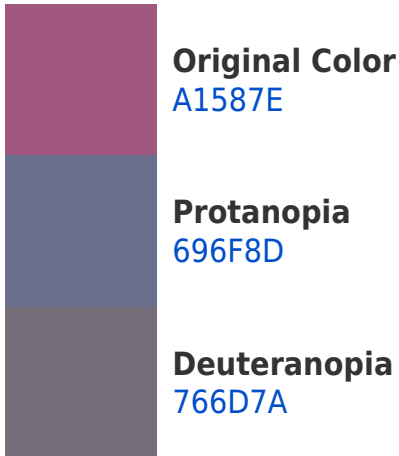


This preview shows how white text looks on a background with the Hex color A1587E.

# 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](#).

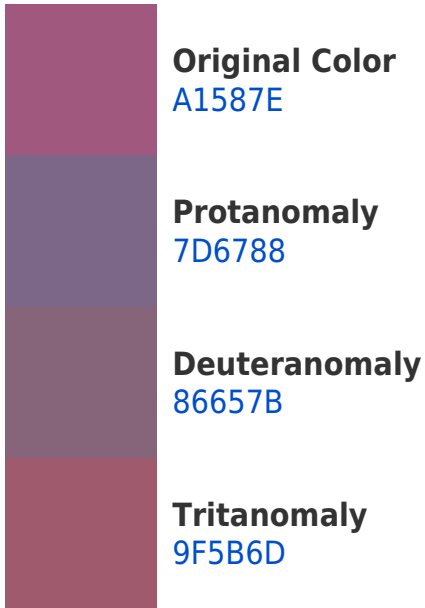
## Dichromacy



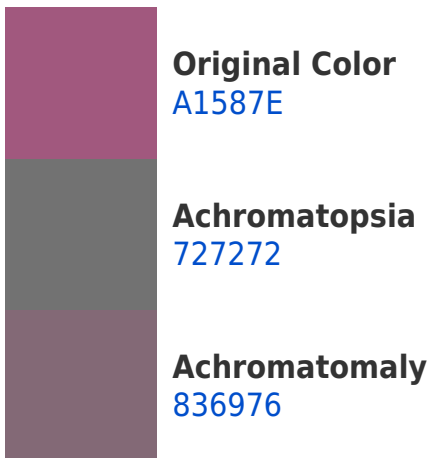


**Tritanopia**  
9E5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1587E 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 #A1587E looks like.

```
.text, #text, p{  
    color:#A1587E  
}
```

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 #A1587E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1587E
}
```

## Border

The CSS property to change the border of an element to Hex A1587E is called "border". The border property can be set on classes, ids or directly on the HTML element.

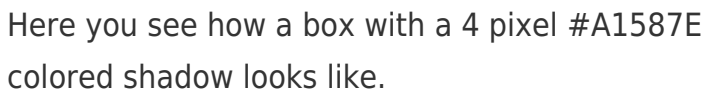
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1587E }
```

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

```
.border{ border-color:#A1587E }
```

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



Here you see how a box with a 4 pixel #A1587E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1587E; -webkit-box-shadow:4px 4px  
4px 4px #A1587E; box-shadow:4px 4px 4px  
4px #A1587E }
```

# Background

The CSS property to change the background color of an element to Hex A1587E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1587E }
```

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

```
.background{ background-color:#A1587E }
```

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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