

# Converting Colors

Hex(A2637E)

Have a look what the booklet for  
Hex(A2637E) contains.

<b>Hex(A2637E)</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(A2637E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2637E
RGB	162, 99, 126
RGB Percent	64%, 39%, 49%
CMY	0.3647, 0.6118, 0.5059
CMYK	0.00, 0.39, 0.22, 0.36
HSL	334°, 25%, 51%
HSV	334°, 39%, 64%
XYZ	23.1280, 18.1114, 22.0155
YIQ	120.9150, 28.8810, 21.7530

# Conversions

## Conversions Part 2

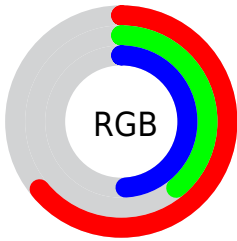
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 99, 126
Decimal	10642302
CIE <sub>Lab</sub>	49.63, 29.26, -4.23
CIE <sub>LCh</sub>	50, 29.567, 351.775
Yxy	18.1114, 0.3656, 0.2863
Android (android.graphics.Color)	4288832382 (0xFFA2637E)
YUV	120.9150, 2.5069, 36.0315
Hunter-Lab	42.5575, 22.5308, -0.8812

# Details

The Hex color **A2637E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63A287**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DA97B3**, and **6D324D** is the 20% darker color. If you saturate the color by 10%, you get **A25375**, and if you desaturate by 10%, it is **A27387**.

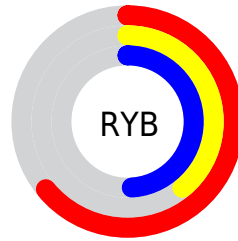
# Distribution



Red (64%)

Green (39%)

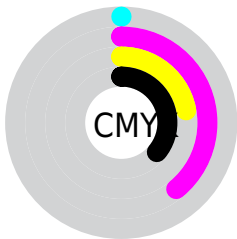
Blue (49%)



Red (64%)

Yellow (39%)

Blue (49%)

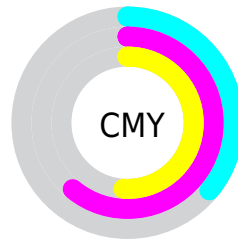


Cyan (0%)

Magenta (39%)

Yellow (22%)

Black (36%)



Cyan (36%)

Magenta (61%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2637E 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 A2637E by changing the saturation by 10% instead.



 A2637E

 A2637E

FFFFFF

 874A65

 DA97B3

 6D324D

 F7B2CE

 531B36

 FFCEEA

 3A0321

 FFEAFF

 27000A

 000000

 A2637E

 A2637E

 A25375

 A27387

 A2436B

 A28391

 A23262

 A2949A

 A22259

 A2A4A3

 A21250

 A2B4AC

 A20246

 A2C4B6

 A20045

 A2D4BF

 A2E5C8

 A2F5D1

# Harmonies

## Analogous

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



8F6995



A2637E



A76365

# Triad

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



A2637E



747A46



12809D

# Complementary

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



A2637E



63A287

# 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.



088388



A2637E



578056

# Square

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



A2637E



8D7244



35836E



457BA7

# Rectangle

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



A2637E



A36756



35836E



008297



# Sweetspot

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



A2637E



D4BAC5



8763A2



6B5C63



EBEBEB



6B6B6B



# Same Dimension

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



A2637E



D4709B



A26763



52494D



91003E



120008



# Inverse Universe

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



A2637E



D4709B



639EA2



52494D



91003E

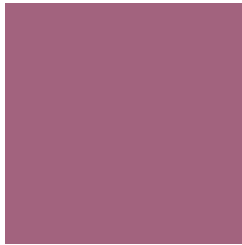


120008



# Previews

## White Background



This preview shows how the Hex color A2637E looks on a white background.

## Color Contrast Check

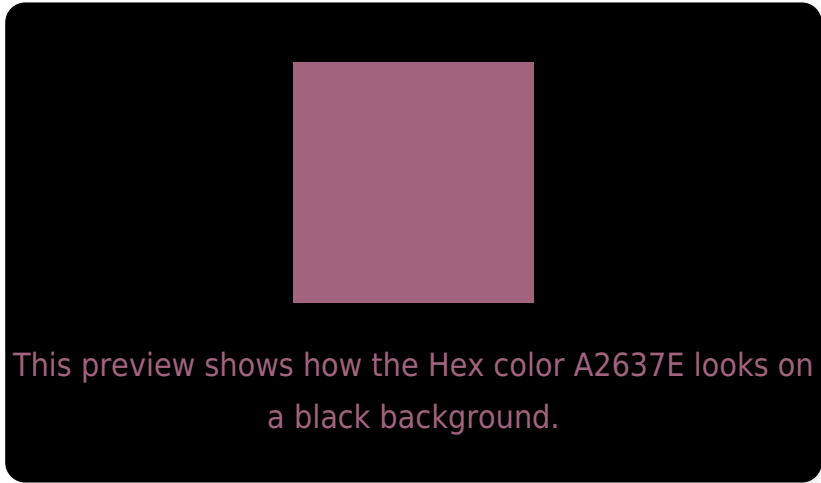
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

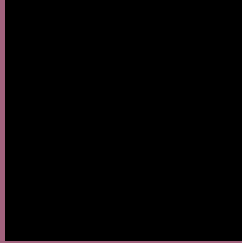
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A2637E Background



This preview shows how black text looks on a background with the Hex color A2637E.



This preview shows how white text looks on a background with the Hex color A2637E.

# 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](#).

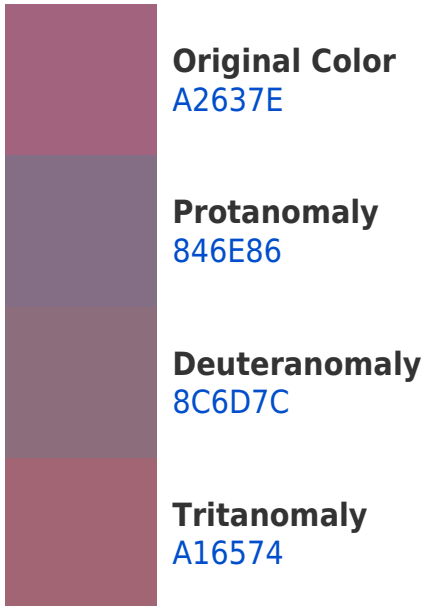
## Dichromacy





**Tritanopia**  
A0666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2637E 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 #A2637E looks like.

```
.text, #text, p{  
    color:#A2637E  
}
```

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 #A2637E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2637E
}
```

## Border

The CSS property to change the border of an element to Hex A2637E is called "border". The border property can be set on classes, ids or directly on the HTML element.

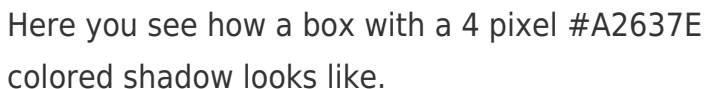
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2637E }
```

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

```
.border{ border-color:#A2637E }
```

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



Here you see how a box with a 4 pixel `#A2637E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2637E; -webkit-box-shadow:4px 4px  
4px 4px #A2637E; box-shadow:4px 4px 4px  
4px #A2637E }
```

# Background

The CSS property to change the background color of an element to Hex A2637E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2637E }
```

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

```
.background{ background-color:#A2637E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor