

# Converting Colors

Hex(A2638E)

Have a look what the booklet for  
Hex(A2638E) contains.

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**Color**

**Hex(A2638E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2638E
RGB	162, 99, 142
RGB Percent	64%, 39%, 56%
CMY	0.3647, 0.6118, 0.4431
CMYK	0.00, 0.39, 0.12, 0.36
HSL	319°, 25%, 51%
HSV	319°, 39%, 64%
XYZ	24.2446, 18.5581, 27.8954
YIQ	122.7390, 23.7450, 26.7290

# Conversions

## Conversions Part 2

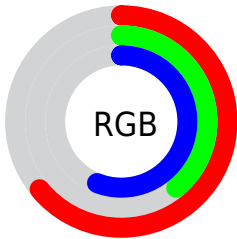
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 99, 142
Decimal	10642318
CIE <sub>Lab</sub>	50.17, 31.90, -12.95
CIE <sub>LCh</sub>	50, 34.427, 337.913
Yxy	18.5581, 0.3429, 0.2625
Android (android.graphics.Color)	4288832398 (0xFFA2638E)
YUV	122.7390, 9.4957, 34.4319
Hunter-Lab	43.0791, 25.0703, -8.2373

# Details

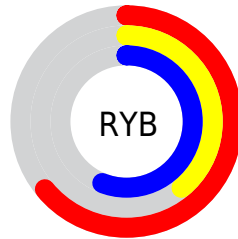
The Hex color **A2638E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63A277**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **DA97C4**, and **6D325C** is the 20% darker color. If you saturate the color by 10%, you get **A25389**, and if you desaturate by 10%, it is **A27393**.

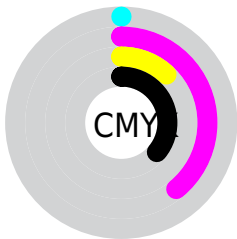
# Distribution



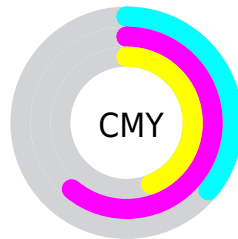
- Red (64%)
- Green (39%)
- Blue (56%)



- Red (64%)
- Yellow (39%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (61%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2638E 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 A2638E by changing the saturation by 10% instead.





A2638E



A2638E

FFFFFF



874A74



DA97C4



6D325C



F7B2E0



541A44



FFCEFC



3B012E



FFEAFF



28001A



000000



A2638E



A2638E



A25389



A27393



A24384



A28398

 A2327F

 A2949D

 A22279

 A2A4A3

 A21274

 A2B4A8

 A2026F

 A2C4AD

 A2006F

 A2D4B2

 A2E5B7

 A2F5BC

# Harmonies

## Analogous

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



846DA6



A2638E



AF5F71

# Triad

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



A2638E



82783C



00859A

# Complementary

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



A2638E



63A277

# 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.



00877E



A2638E



638048

# Square

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



A2638E



9B6E41



3C8560



0380AD

# Rectangle

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



A2638E



AE625E



3C8560



008692



# Sweetspot

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



A2638E



D4BACC



7763A2



6B5C66



EBEBEB



6B6B6B



# Same Dimension

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



A2638E



D470B4



A2636F



52494F



910063



12000C



# Inverse Universe

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



A2638E



D470B4



63A296



52494F



910063

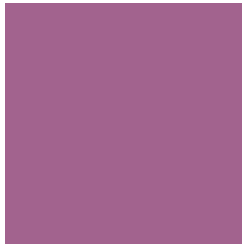


12000C



# Previews

## White Background



This preview shows how the Hex color A2638E looks on a white background.

## Color Contrast Check

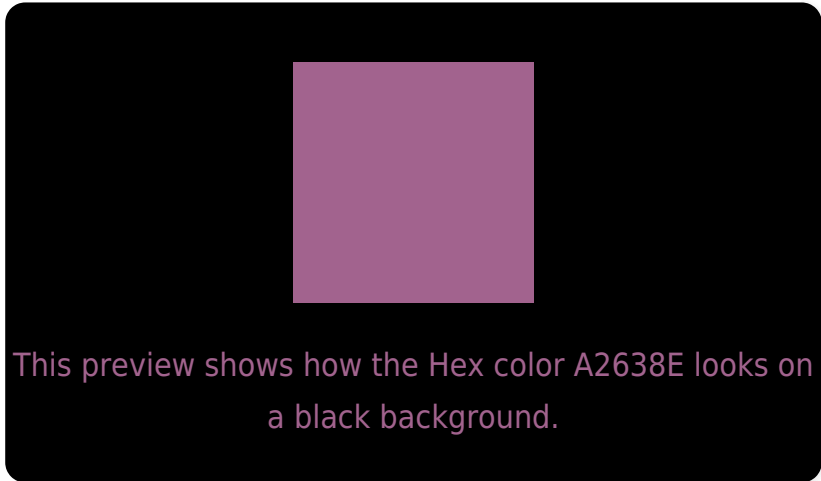
Large Text (above 18pt) WCAG AA ✓ Pass

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

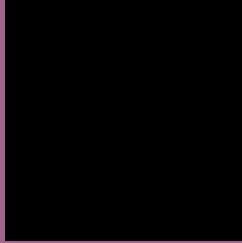
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A2638E Background



This preview shows how black text looks on a background with the Hex color A2638E.

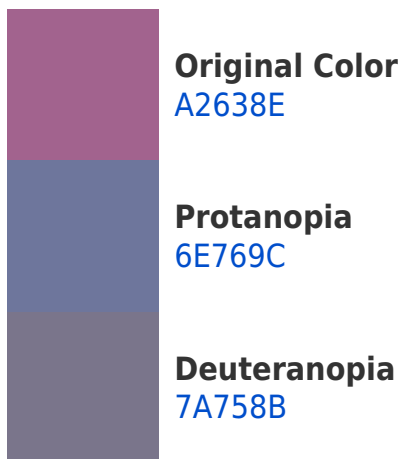



This preview shows how white text looks on a background with the Hex color A2638E.

# 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**  
9F6971

# Trichromacy



**Original Color**  
A2638E

**Protanomaly**  
816F97

**Deuteranomaly**  
896E8C

**Tritanomaly**  
A0677C

# Monochromacy



**Original Color**  
A2638E

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
897282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2638E 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 #A2638E looks like.

```
.text, #text, p{  
    color:#A2638E  
}
```

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 #A2638E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2638E
}
```

## Border

The CSS property to change the border of an element to Hex A2638E is called "border". The border property can be set on classes, ids or directly on the HTML element.

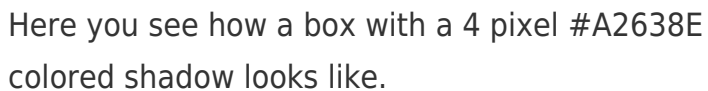
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2638E }
```

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

```
.border{ border-color:#A2638E }
```

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



Here you see how a box with a 4 pixel #A2638E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2638E; -webkit-box-shadow:4px 4px  
4px 4px #A2638E; box-shadow:4px 4px 4px  
4px #A2638E }
```

# Background

The CSS property to change the background color of an element to Hex A2638E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2638E }
```

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

```
.background{ background-color:#A2638E }
```

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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