

# Converting Colors

Hex(A15E7E)

Have a look what the booklet for  
Hex(A15E7E) contains.

<b>Hex(A15E7E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A15E7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A15E7E
RGB	161, 94, 126
RGB Percent	63%, 37%, 49%
CMY	0.3686, 0.6314, 0.5059
CMYK	0.00, 0.42, 0.22, 0.37
HSL	331°, 26%, 50%
HSV	331°, 42%, 63%
XYZ	22.4665, 17.0888, 21.8530
YIQ	117.6810, 29.6600, 24.1560

# Conversions

## Conversions Part 2

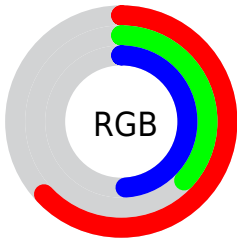
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 94, 126
Decimal	10575486
CIE <sub>Lab</sub>	48.37, 31.69, -6.11
CIE <sub>LCh</sub>	48, 32.270, 349.083
Yxy	17.0888, 0.3659, 0.2783
Android (android.graphics.Color)	4288765566 (0xFFA15E7E)
YUV	117.6810, 4.1013, 37.9908
Hunter-Lab	41.3386, 24.6678, -2.4057

# Details

The Hex color **A15E7E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5EA181**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D992B3**, and **6C2D4D** is the 20% darker color. If you saturate the color by 10%, you get **A14E76**, and if you desaturate by 10%, it is **A16E86**.

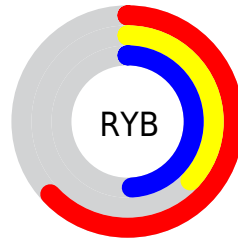
# Distribution



Red (63%)

Green (37%)

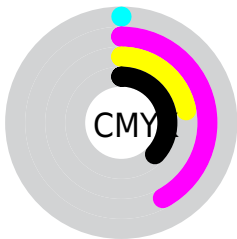
Blue (49%)



Red (63%)

Yellow (37%)

Blue (49%)

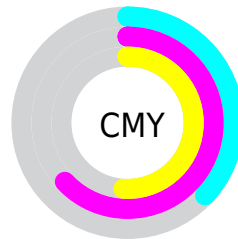


Cyan (0%)

Magenta (42%)

Yellow (22%)

Black (37%)



Cyan (37%)

Magenta (63%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A15E7E 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 A15E7E by changing the saturation by 10% instead.



 A15E7E

 A15E7E

FFFFFF

 864565

 D992B3

 6C2D4D

 F6ADCE

 521536

 FFC8EA

 390021

 FFE5FF

 250009

 000000

 A15E7E

 A15E7E

 A14E76

 A16E86

 A13E6D

 A17E8F

 A12E65

 A18E97

 A11E5C

 A19EA0

 A10D54

 A1AFA8

 A1004D

 A1BFB0

 A1CFB9

 A1DFC1

 A1EFCA

# Harmonies

## Analogous

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



8B6597



A15E7E



A75E62

# Triad

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



A15E7E



73773E



007F9B

# Complementary

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



A15E7E



5EA181

# 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.



008184



A15E7E



537D4E

# Square

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



A15E7E



8D6E3D



2C8068



3379A8

# Rectangle

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



A15E7E



A46152



2C8068



008094



# Sweetspot

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



A15E7E



D1B8C4



815EA1



695A61



E8E8E8



696969



# Same Dimension

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



A15E7E



D1699A



A15F5E



52494D



910045



120009



# Inverse Universe

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



A15E7E



D1699A



5EA0A1



52494D



910045

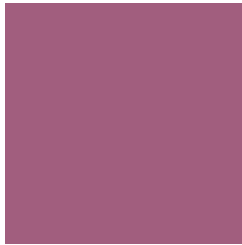


120009



# Previews

## White Background



This preview shows how the Hex color A15E7E looks on a white background.

## Color Contrast Check

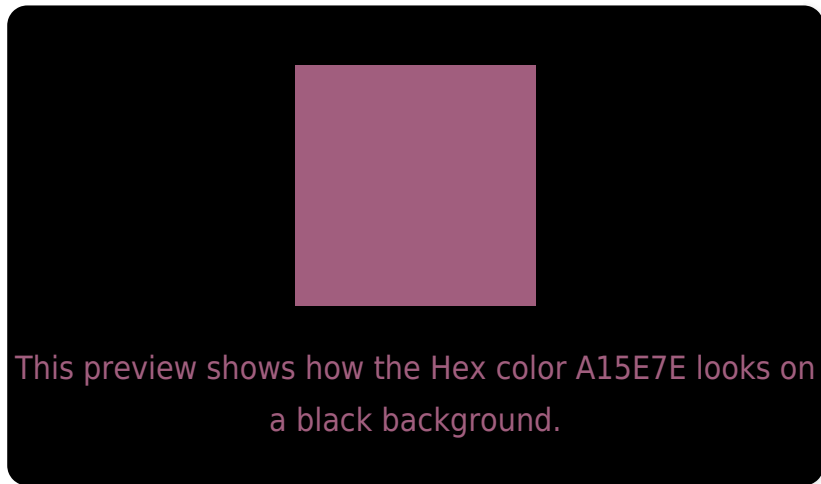
Large Text (above 18pt) WCAG AA ✓ Pass

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

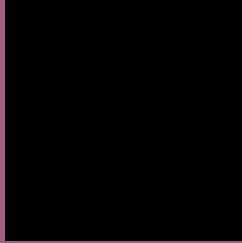
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A15E7E Background



This preview shows how black text looks on a background with the Hex color A15E7E.



This preview shows how white text looks on a background with the Hex color A15E7E.

# 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**  
A15E7E

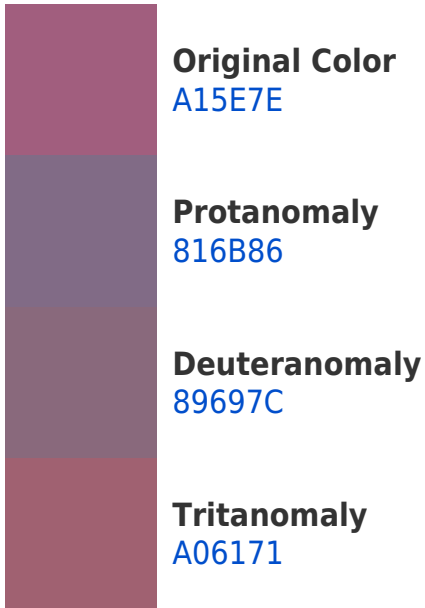
**Protanopia**  
6E728B

**Deuteranopia**  
7B707B



**Tritanopia**  
9F6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A15E7E 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 #A15E7E looks like.

```
.text, #text, p{  
    color:#A15E7E  
}
```

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 #A15E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A15E7E  
}
```

## Border

The CSS property to change the border of an element to Hex A15E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

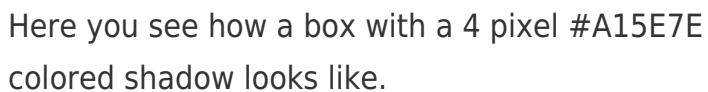
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A15E7E }
```

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

```
.border{ border-color:#A15E7E }
```

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



Here you see how a box with a 4 pixel #A15E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A15E7E; -webkit-box-shadow:4px 4px  
4px 4px #A15E7E; box-shadow:4px 4px 4px  
4px #A15E7E }
```

# Background

The CSS property to change the background color of an element to Hex A15E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A15E7E }
```

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

```
.background{ background-color:#A15E7E }
```

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