

Converting Colors

Hex(A2478E)

Have a look what the booklet for
Hex(A2478E) contains.

Hex(A2478E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A2478E)

Conversions

Conversions Part 1

Format	Color
Hex	A2478E
RGB	162, 71, 142
RGB Percent	64%, 28%, 56%
CMY	0.3647, 0.7216, 0.4431
CMYK	0.00, 0.56, 0.12, 0.36
HSL	313°, 39%, 46%
HSV	313°, 56%, 64%
XYZ	22.0360, 14.1409, 27.1592
YIQ	106.3030, 31.4450, 41.3730

Conversions

Conversions Part 2

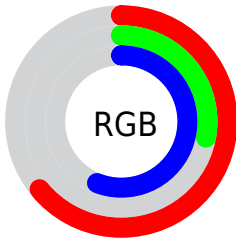
Format	Color
R_{YB}	162, 71, 142
Decimal	10635150
CIE _{Lab}	44.43, 46.67, -21.70
CIE _{LCh}	44, 51.468, 335.063
Yxy	14.1409, 0.3479, 0.2233
Android (android.graphics.Color)	4288825230 (0xFFA2478E)
YUV	106.3030, 17.5986, 48.8463
Hunter-Lab	37.6043, 38.7929, -16.4984

Details

The Hex color **A2478E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47A25B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **DB7CC4**, and **6C0E5C** is the 20% darker color. If you saturate the color by 10%, you get **A2378A**, and if you desaturate by 10%, it is **A25792**.

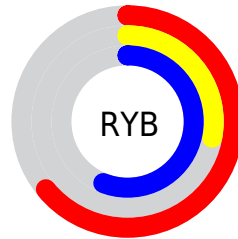
Distribution



Red (64%)

Green (28%)

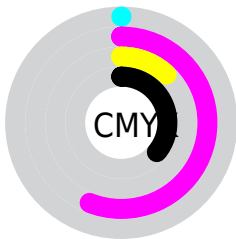
Blue (56%)



Red (64%)

Yellow (28%)

Blue (56%)

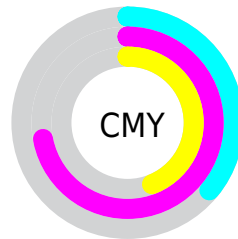


Cyan (0%)

Magenta (56%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2478E 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 A2478E by changing the saturation by 10% instead.

 A2478E

 A2478E

FFFFFF

 862D74

 DB7CC4

 6C0E5C

 F897E0

 510044

 FFB2FD

 38002D

 FFCEFF

 1F0018

 FFE8FF

 000000

 A2478E

 A2478E

 A2378A

 A25792

 A22787

 A26795

 A21683

 A27899

 A20680

 A2889C

 A2007E

 A298A0

 A2A8A3

 A2B8A7

 A2C9AA

 A2D9AE

Harmonies

Analogous

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



735AB0



A2478E



B53E64

Triad

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



A2478E



776900



007C99

Complementary

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



A2478E



47A25B

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.



007D6F



A2478E



4B741B

Square

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



A2478E



9A5916



007B43



0077B7

Rectangle

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



A2478E



B44247



007B43



007D8C

Sweetspot

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



A2478E



D4B0CC



5B47A2



6B5666



EBEBEB



6B6B6B

Same Dimension

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



A2478E



D446B4



A24761



524950



910071



12000E

Inverse Universe

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



A2478E



D446B4



47A288



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color A2478E looks on a white background.

Color Contrast Check

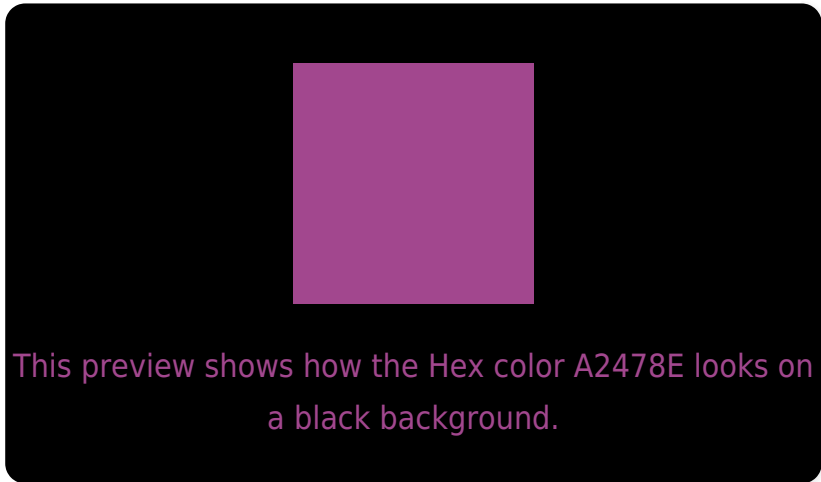
Large Text (above 18pt) WCAG AA ✓ Pass

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

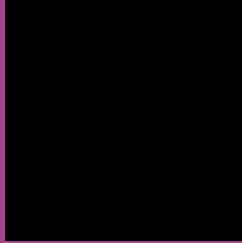
Any Text WCAG AA × Fail

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 A2478E Background



This preview shows how black text looks on a background with the Hex color A2478E.




This preview shows how white text looks on a background with the Hex color A2478E.

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
9C545A

Trichromacy



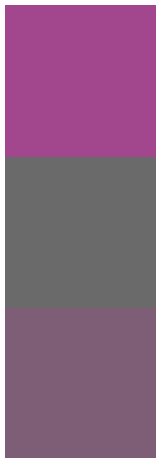
Original Color
A2478E

Protanomaly
6E5C9F

Deuteranomaly
7A5C8B

Tritanomaly
9E4F6D

Monochromacy



Original Color
A2478E

Achromatopsia
6A6A6A

Achromatomaly
7E5D77

CSS Examples

Text

The CSS property to change the color of the text to Hex A2478E 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 #A2478E looks like.

```
.text, #text, p{  
    color:#A2478E  
}
```

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 #A2478E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2478E
}
```

Border

The CSS property to change the border of an element to Hex A2478E is called "border". The border property can be set on classes, ids or directly on the HTML element.

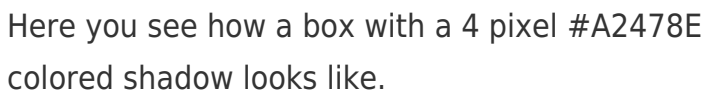
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2478E }
```

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

```
.border{ border-color:#A2478E }
```

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



Here you see how a box with a 4 pixel #A2478E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2478E; -webkit-box-shadow:4px 4px  
4px 4px #A2478E; box-shadow:4px 4px 4px  
4px #A2478E }
```

Background

The CSS property to change the background color of an element to Hex A2478E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2478E }
```

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

```
.background{ background-color:#A2478E }
```

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