

# Converting Colors

Hex(A2E398)

Have a look what the booklet for  
Hex(A2E398) contains.

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# **Color**

**Hex(A2E398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2E398
RGB	162, 227, 152
RGB Percent	64%, 89%, 60%
CMY	0.3647, 0.1098, 0.4039
CMYK	0.29, 0.00, 0.33, 0.11
HSL	112°, 57%, 74%
HSV	112°, 33%, 89%
XYZ	48.0369, 64.8866, 39.6983
YIQ	199.0150, -14.6650, -37.1050

# Conversions

## Conversions Part 2

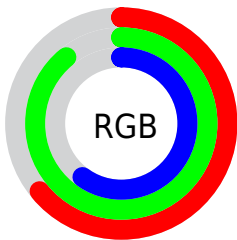
Format	Color
<a href="#">RYB</a>	<a href="#">152, 227, 217</a>
Decimal	<a href="#">10675096</a>
CIELab	<a href="#">84.43, -34.59, 30.27</a>
CIElCh	<a href="#">84, 45.966, 138.815</a>
Yxy	<a href="#">64.8866, 0.3147, 0.4251</a>
Android (android.graphics.Color)	<a href="#">4288865176 (0xFFA2E398)</a>
YUV	<a href="#">199.0150, -23.1784, -32.4622</a>
Hunter-Lab	<a href="#">80.5522, -34.5188, 27.1668</a>

# Details

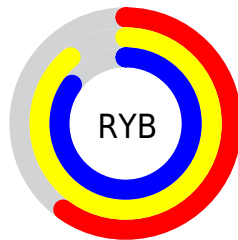
The Hex color **A2E398** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D998E3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **DAFFCF**, and **6CAB64** is the 20% darker color. If you saturate the color by 10%, you get **8EE381**, and if you desaturate by 10%, it is **B6E3AF**.

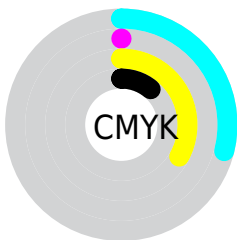
# Distribution



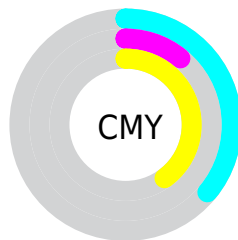
- Red (64%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2E398 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 A2E398 by changing the saturation by 10% instead.



 A2E398

FFFFFF

 DAFFCF

 F7FFEB

 A2E398

 87C77E

 6CAB64

 52904C

 387634

 1C5D1D

 004504

 002E00

 001800

 000000

 A2E398

 A2E398

 8EE381

 B6E3AF

 7BE36B

 C9E3C5

 67E354

 DDE3DC

 53E33D

 F1E3F3

 40E327

 FFE3FF

 2CE310

 1EE300

# Harmonies

## Analogous

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



D4D97F



A2E398



68E9C0

# Triad

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



A2E398



74DCFF



FFB2B9

# Complementary

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



A2E398



D998E3

# 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.



FFB2E5



A2E398



BFCDFE

# Square

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



A2E398



07E5FF



F9BEFF



FFBC93

# Rectangle

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



A2E398



37EADE



F9BEFF



FFB1C7



# Sweetspot

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



A2E398



E9FFE6



E3D998



728070



000000



808080

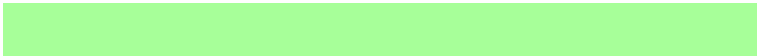


# Same Dimension

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



A2E398



A7FF99



98E3B3



697367



18B300



073300



# Inverse Universe

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



D998E3



F199FF



E398C7



716773



9B00B3



2C0033



# Previews

## White Background



This preview shows how the Hex color A2E398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A2E398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

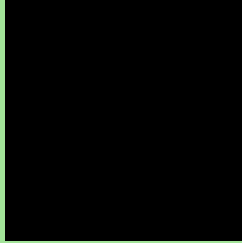
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2E398 Background



This preview shows how black text looks on a background with the Hex color A2E398.

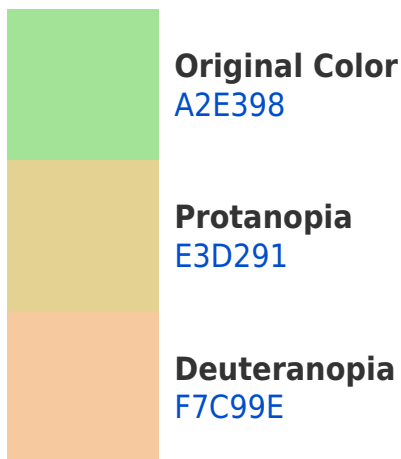


This preview shows how white text looks on a background with the Hex color A2E398.

# 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](#).

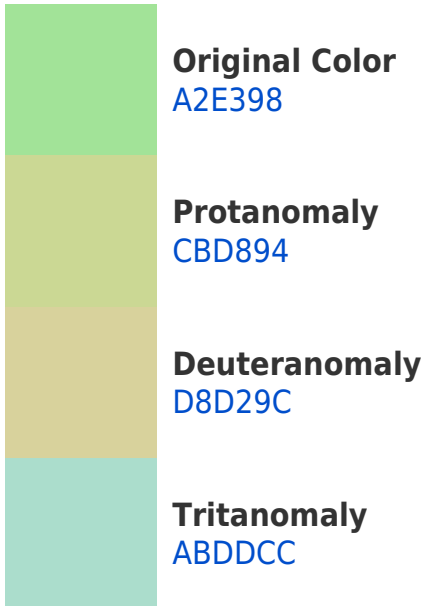
## Dichromacy



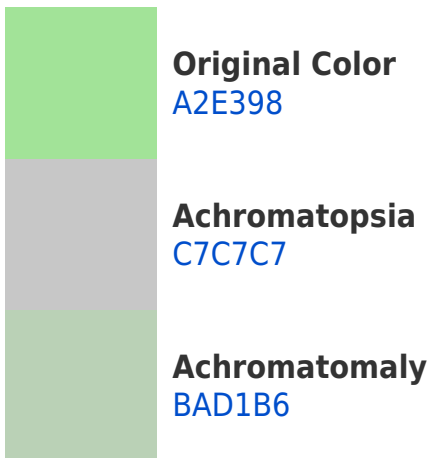


**Tritanopia**  
B0D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2E398 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 #A2E398 looks like.

```
.text, #text, p{  
    color:#A2E398  
}
```

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 #A2E398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2E398  
}
```

## Border

The CSS property to change the border of an element to Hex A2E398 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  
#A2E398 }
```

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

```
.border{ border-color:#A2E398 }
```

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

Here you see how a box with a 4 pixel #A2E398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2E398; -webkit-box-shadow:4px 4px  
4px 4px #A2E398; box-shadow:4px 4px 4px  
4px #A2E398 }
```

# Background

The CSS property to change the background color of an element to Hex A2E398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2E398 }
```

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

```
.background{ background-color:#A2E398 }
```

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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