

Converting Colors

Hex(AC5EA1)

Have a look what the booklet for
Hex(AC5EA1) contains.

Hex(AC5EA1)	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(AC5EA1)

Conversions

Conversions Part 1

Format	Color
Hex	AC5EA1
RGB	172, 94, 161
RGB Percent	67%, 37%, 63%
CMY	0.3255, 0.6314, 0.3686
CMYK	0.00, 0.45, 0.06, 0.33
HSL	308°, 32%, 52%
HSV	308°, 45%, 67%
XYZ	27.4490, 19.3493, 36.0063
YIQ	124.9600, 24.9810, 37.3730

Conversions

Conversions Part 2

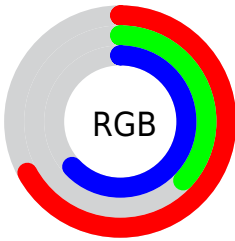
Format	Color
R_{YB}	172, 94, 161
Decimal	11296417
CIE _{Lab}	51.09, 41.30, -22.63
CIE _{LCh}	51, 47.092, 331.284
Yxy	19.3493, 0.3315, 0.2337
Android (android.graphics.Color)	4289486497 (0xFFAC5EA1)
YUV	124.9600, 17.7677, 41.2541
Hunter-Lab	43.9878, 34.4077, -17.7404

Details

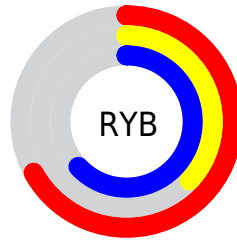
The Hex color **AC5EA1** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5EAC69**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E593D8**, and **762B6D** is the 20% darker color. If you saturate the color by 10%, you get **AC4D9F**, and if you desaturate by 10%, it is **AC6FA3**.

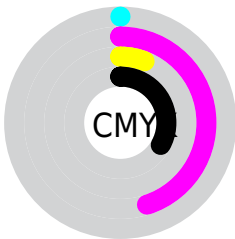
Distribution



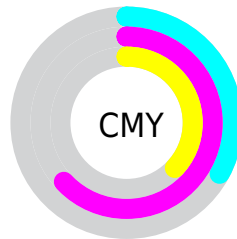
- Red (67%)
- Green (37%)
- Blue (63%)



- Red (67%)
- Yellow (37%)
- Blue (63%)



- Cyan (0%)
- Magenta (45%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC5EA1 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 AC5EA1 by changing the saturation by 10% instead.

AC5EA1

AC5EA1

FFFFFF

914587

E593D8

762B6D

FFAEF4

5C1055

FFCAFF

42003D

FFE6FF

2D0027

000011

000000

AC5EA1

AC5EA1

AC4D9F

AC6FA3

■ AC3C9C

■ AC80A6

■ AC2A9A

■ AC92A8

■ AC1997

■ ACA3AB

■ AC0895

■ ACB4AD

■ AC0094

■ ACC5B0

■ ACD6B2

■ ACE8B4

■ ACF9B7

Harmonies

Analogous

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



7D6EBF



AC5EA1



C2557A

Triad

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



AC5EA1



8E7823



008DA2

Complementary

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



AC5EA1



5EAC69

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.



008D7A



AC5EA1



658331

Square

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



AC5EA1



AE6933



2A8A51



0088C0

Rectangle

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



AC5EA1



C3575F



2A8A51



008D96

Sweetspot

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



AC5EA1



E0C1DC



685EAC



705D6E



F0F0F0



707070

Same Dimension

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



AC5EA1



E067CF



AC5E7B



574E55



960081



170014

Inverse Universe

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



AC5EA1



E067CF



5EAC8F



574E55



960081



170014

Previews

White Background



This preview shows how the Hex color AC5EA1 looks on a white background.

Color Contrast Check

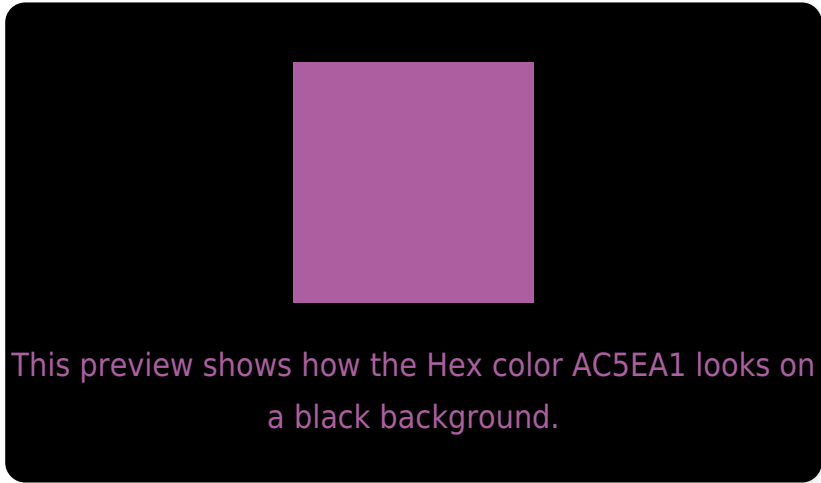
Large Text (above 18pt) WCAG AA ✓ Pass

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

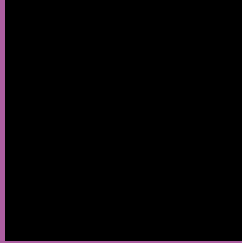
Any Text WCAG AA ✓ Pass

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 AC5EA1 Background



This preview shows how black text looks on a background with the Hex color AC5EA1.



This preview shows how white text looks on a background with the Hex color AC5EA1.

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](#).

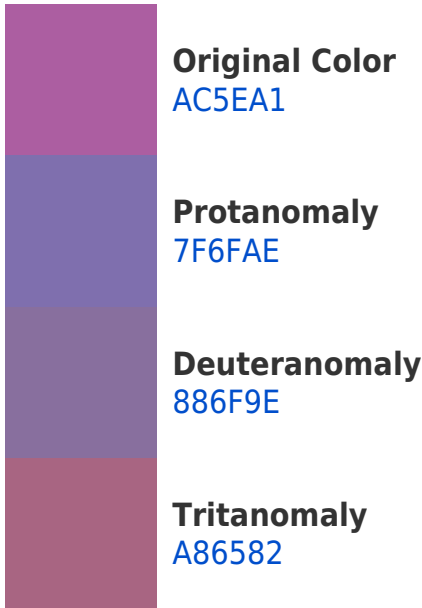
Dichromacy



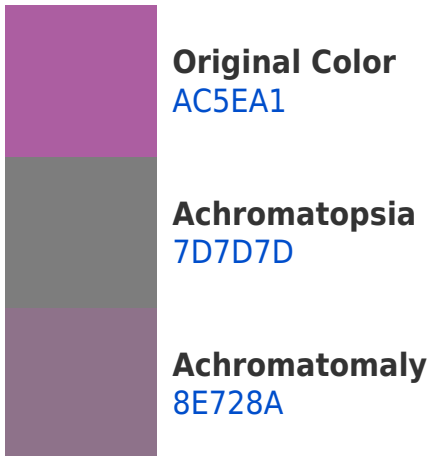


Tritanopia
A66970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC5EA1 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 #AC5EA1 looks like.

```
.text, #text, p{  
    color:#AC5EA1  
}
```

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 #AC5EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5EA1
}
```

Border

The CSS property to change the border of an element to Hex AC5EA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

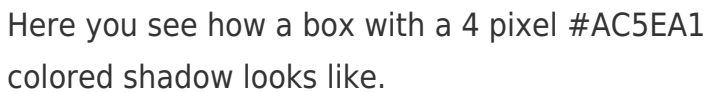
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC5EA1 }
```

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

```
.border{ border-color:#AC5EA1 }
```

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



Here you see how a box with a 4 pixel `#AC5EA1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5EA1; -webkit-box-shadow:4px 4px  
4px 4px #AC5EA1; box-shadow:4px 4px 4px  
4px #AC5EA1 }
```

Background

The CSS property to change the background color of an element to Hex AC5EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5EA1 }
```

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

```
.background{ background-color:#AC5EA1 }
```

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