

Converting Colors

Hex(A5BC72)

Have a look what the booklet for
Hex(A5BC72) contains.

Hex(A5BC72)	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(A5BC72)

Conversions

Conversions Part 1

Format	Color
Hex	A5BC72
RGB	165, 188, 114
RGB Percent	65%, 74%, 45%
CMY	0.3529, 0.2627, 0.5529
CMYK	0.12, 0.00, 0.39, 0.26
HSL	79°, 36%, 59%
HSV	79°, 39%, 74%
XYZ	36.5375, 45.1807, 22.7146
YIQ	172.6870, 10.0460, -27.8900

Conversions

Conversions Part 2

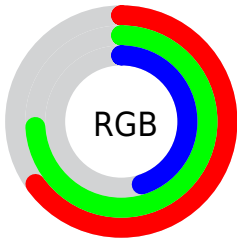
Format	Color
RYB	114, 188, 137
Decimal	10861682
CIELab	73.01, -20.11, 34.85
CIELCh	73, 40.237, 119.989
Yxy	45.1807, 0.3499, 0.4326
Android (android.graphics.Color)	4289051762 (0xFFA5BC72)
YUV	172.6870, -28.9327, -6.7415
Hunter-Lab	67.2166, -20.6001, 27.0156

Details

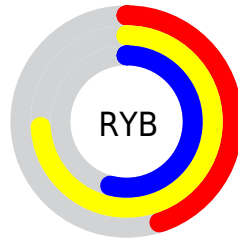
The Hex color **A5BC72** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **8972BC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DDF4A7**, and **708740** is the 20% darker color. If you saturate the color by 10%, you get **9FBC5F**, and if you desaturate by 10%, it is **ABBC85**.

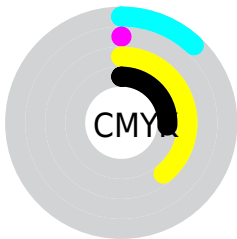
Distribution



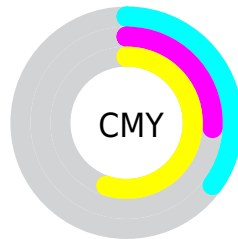
- Red (65%)
- Green (74%)
- Blue (45%)



- Red (45%)
- Yellow (74%)
- Blue (54%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)



- Cyan (35%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5BC72 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 A5BC72 by changing the saturation by 10% instead.



A5BC72



A5BC72

FFFFFF



8AA159



DDF4A7



708740



FAFFC2



566D28



FFFFDE



3E5510



FFFFFFB



263E00



0E2800



001200



000000



A5BC72



A5BC72

 9FBC5F

 ABBC85

 99BC4C

 B1BC98

 93BC3A

 B7BCAA

 8EBC27

 BCBCBD

 88BC14

 C2BCD0

 82BC01

 C8BCE3

 82BC00

 CEBCF6

 D4BCFF

 DABCFE

Harmonies

Analogous

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



CBB169



A5BC72



79C38D

Triad

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



A5BC72



35C1F2



F896B5

Complementary

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



A5BC72



8972BC

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.



E19DD9



A5BC72



7DB7FC

Square

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



A5BC72



00C6D7



B7AAF3



F99990

Rectangle

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



A5BC72



57C6A5



B7AAF3



F398C1

Sweetspot

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



A5BC72



ECF5D7



BC8872



757A69



FAFAFA



7A7A7A

Same Dimension

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



A5BC72



D1F582



81BC72



5B5E55



6D9E00



151F00

Inverse Universe

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



8972BC



A682F5



AD72BC



58555E



31009E



0A001F

Previews

White Background



This preview shows how the Hex color A5BC72 looks on a white background.

Color Contrast Check

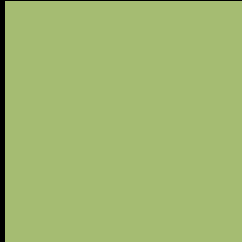
Large Text (above 18pt) WCAG AA × Fail

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 A5BC72 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

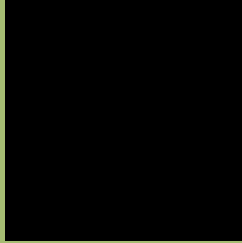
Any Text WCAG AA ✓ Pass

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 A5BC72 Background



This preview shows how black text looks on a background with the Hex color A5BC72.

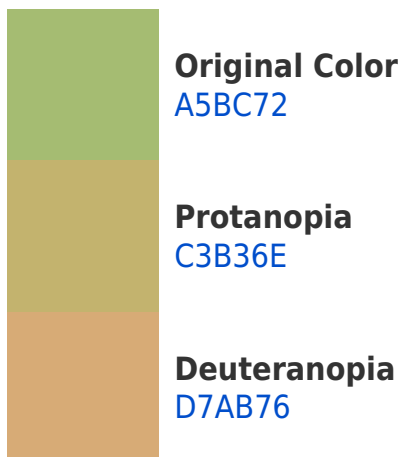


This preview shows how white text looks on a background with the Hex color A5BC72.

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](#).

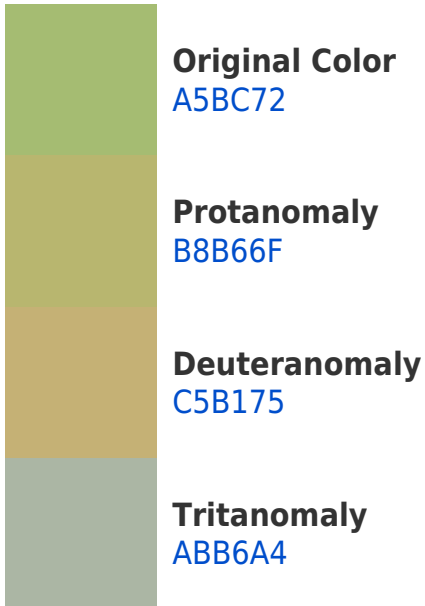
Dichromacy



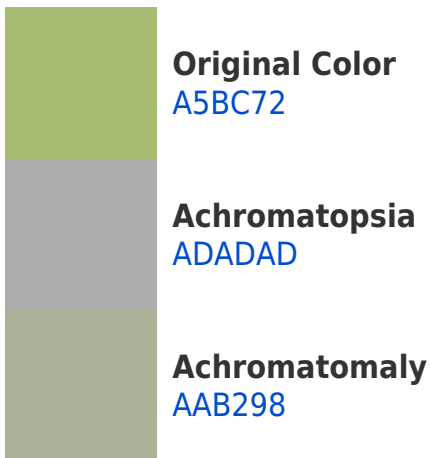


Tritanopia
AFB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A5BC72 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 #A5BC72 looks like.

```
.text, #text, p{  
    color:#A5BC72  
}
```

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 #A5BC72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5BC72
}
```

Border

The CSS property to change the border of an element to Hex A5BC72 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
#A5BC72 }
```

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

```
.border{ border-color:#A5BC72 }
```

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

Here you see how a box with a 4 pixel #A5BC72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5BC72; -webkit-box-shadow:4px 4px  
4px 4px #A5BC72; box-shadow:4px 4px 4px  
4px #A5BC72 }
```

Background

The CSS property to change the background color of an element to Hex A5BC72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5BC72 }
```

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

```
.background{ background-color:#A5BC72 }
```

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