

# Converting Colors

Hex(A5C683)

Have a look what the booklet for  
Hex(A5C683) contains.

<b>Hex(A5C683)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A5C683)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5C683
RGB	165, 198, 131
RGB Percent	65%, 78%, 51%
CMY	0.3529, 0.2235, 0.4863
CMYK	0.17, 0.00, 0.34, 0.22
HSL	90°, 37%, 65%
HSV	90°, 34%, 78%
XYZ	39.8079, 50.0262, 29.0307
YIQ	180.4950, 1.8390, -27.8330

# Conversions

## Conversions Part 2

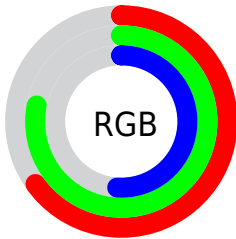
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 198, 164
Decimal	10864259
CIELab	76.09, -22.83, 30.04
CIELCh	76, 37.731, 127.227
Yxy	50.0262, 0.3349, 0.4209
Android (android.graphics.Color)	4289054339 (0xFFA5C683)
YUV	180.4950, -24.4010, -13.5891
Hunter-Lab	70.7292, -23.3126, 25.1750

# Details

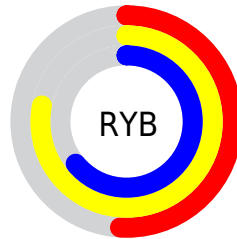
The Hex color **A5C683** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A483C6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **DDFFB9**, and **709051** is the 20% darker color. If you saturate the color by 10%, you get **9BC66F**, and if you desaturate by 10%, it is **AFC697**.

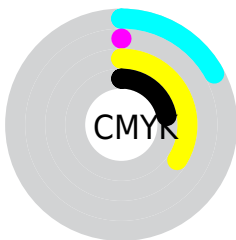
# Distribution



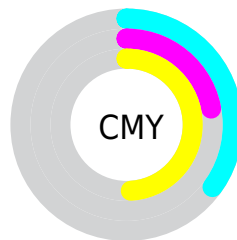
- Red (65%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5C683 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 A5C683 by changing the saturation by 10% instead.





A5C683



A5C683

FFFFFF



8AAB69



DFFFB9



709051



FAFFD4



577639



FFFFF1



3E5D22



26460A



112F00



001C00



000000



A5C683



A5C683

 9BC66F

 AFC697

 91C65B

 B9C6AB

 88C648

 C2C6BE

 7EC634

 CCC6D2

 74C620

 D6C6E6

 6AC60C

 E0C6FA

 64C600

 E9C6FF

 F3C6FF

 FDC6FF

# Harmonies

## Analogous

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



CBBC76



A5C683



7BCC9F

# Triad

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



A5C683



60C6FB



FFA1B4

# Complementary

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



A5C683



A483C6

# 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.



EFA5D7



A5C683



98BCFF

# Square

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



A5C683



39CDE5



CBB0F3



FDA693

# Rectangle

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



A5C683



5ECEB7



CBB0F3



FCA1C0



# Sweetspot

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



A5C683



F2FFE6



C6A383



788070



000000



808080

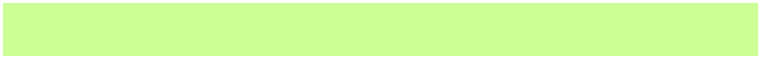


# Same Dimension

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



A5C683



CCFF96



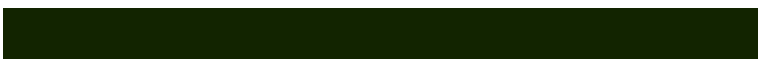
84C683



5F635A



53A300



122400



# Inverse Universe

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



A483C6



CA96FF



C583C6



5E5A63



5000A3



120024



# Previews

## White Background



This preview shows how the Hex color A5C683 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 A5C683 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

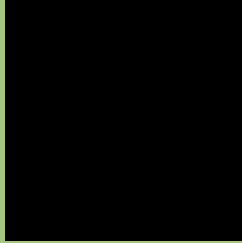
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5C683 Background



This preview shows how black text looks on a background with the Hex color A5C683.

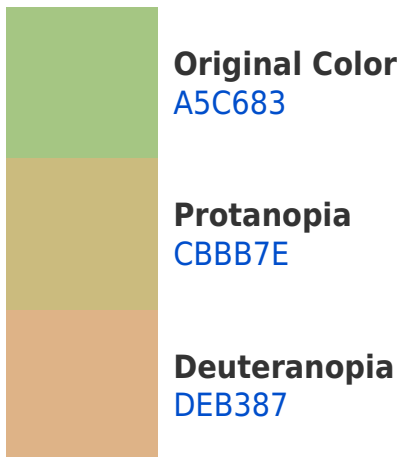


This preview shows how white text looks on a background with the Hex color A5C683.

# Color Blindness Simulation

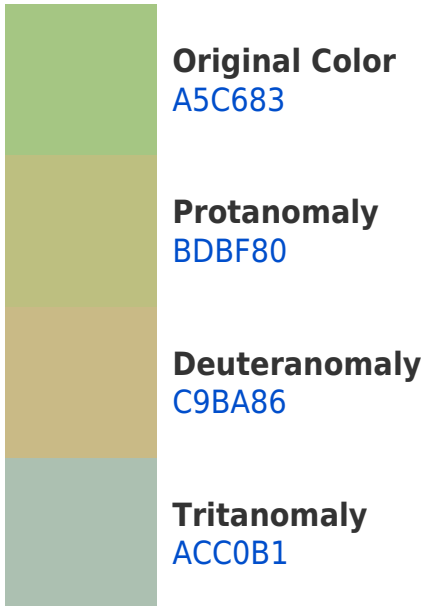
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

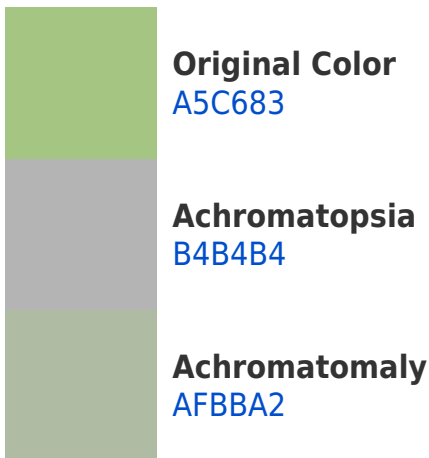




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5C683 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 #A5C683 looks like.

```
.text, #text, p{  
    color:#A5C683  
}
```

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 #A5C683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5C683
}
```

## Border

The CSS property to change the border of an element to Hex A5C683 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
#A5C683 }
```

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

```
.border{ border-color:#A5C683 }
```

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

Here you see how a box with a 4 pixel #A5C683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5C683; -webkit-box-shadow:4px 4px  
4px 4px #A5C683; box-shadow:4px 4px 4px  
4px #A5C683 }
```

# Background

The CSS property to change the background color of an element to Hex A5C683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5C683 }
```

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

```
.background{ background-color:#A5C683 }
```

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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