

# Converting Colors

Hex(A5E688)

Have a look what the booklet for  
Hex(A5E688) contains.

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# **Color**

**Hex(A5E688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5E688
RGB	165, 230, 136
RGB Percent	65%, 90%, 53%
CMY	0.3529, 0.0980, 0.4667
CMYK	0.28, 0.00, 0.41, 0.10
HSL	101°, 65%, 72%
HSV	101°, 41%, 90%
XYZ	48.2578, 66.3705, 33.5599
YIQ	199.8490, -8.5660, -43.0140

# Conversions

## Conversions Part 2

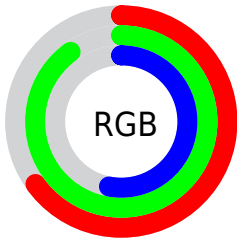
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 230, 201
Decimal	10872456
CIELab	85.19, -37.26, 39.36
CIElCh	85, 54.197, 133.430
Yxy	66.3705, 0.3257, 0.4479
Android (android.graphics.Color)	4289062536 (0xFFA5E688)
YUV	199.8490, -31.4776, -30.5626
Hunter-Lab	81.4681, -36.8344, 32.6038

# Details

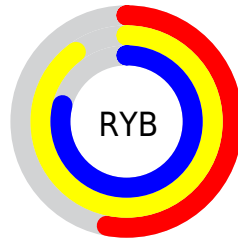
The Hex color **A5E688** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C988E6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **DEFFBE**, and **6EAE54** is the 20% darker color. If you saturate the color by 10%, you get **95E671**, and if you desaturate by 10%, it is **B5E69F**.

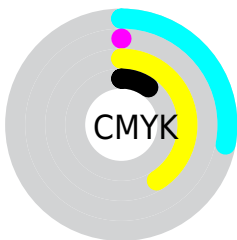
# Distribution



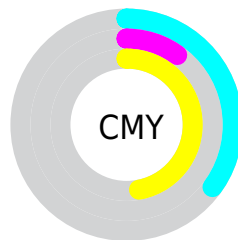
- Red (65%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (79%)



- Cyan (28%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



- Cyan (35%)
- Magenta (10%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5E688 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 A5E688 by changing the saturation by 10% instead.



 A5E688

 A5E688

FFFFFF

 89CA6E

 DEFFBE

 6EAE54

 FBFFDB

 54933C

 FFFFF7

 397923

 1C6006

 004700

 003000

 001B00

 000000

 A5E688

 A5E688

 95E671

 B5E69F

 85E65A

 C5E6B6

 75E643

 D5E6CD

 65E62C

 E5E6E4

 55E615

 F5E6FB

 47E600

 FFE6FF

# Harmonies

## Analogous

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



DED96E



A5E688



5BEDB6

# Triad

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



A5E688



2DE2FF



FFABCO

# Complementary

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



A5E688



C988E6

# 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.



FFAFF3



A5E688



ACD2FF

# Square

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



A5E688



00ECFF



F7BFFF



FFB691

# Rectangle

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



A5E688



00EFD9



F7BFFF



FFABD1

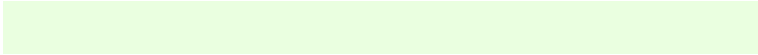


# Sweetspot

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



A5E688



EAFFE0



E6C888



73806E



000000



808080

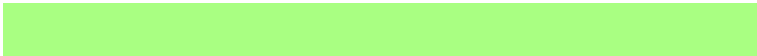


# Same Dimension

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



A5E688



A9FF82



88E699



6B7367



37B300



103300



# Inverse Universe

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



C988E6



D882FF



E688D5



6F6773



7B00B3



230033



# Previews

## White Background



This preview shows how the Hex color A5E688 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 A5E688 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 A5E688 Background



This preview shows how black text looks on a background with the Hex color A5E688.

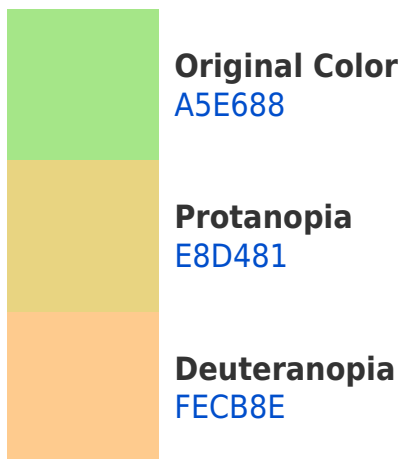


This preview shows how white text looks on a background with the Hex color A5E688.

# Color Blindness Simulation

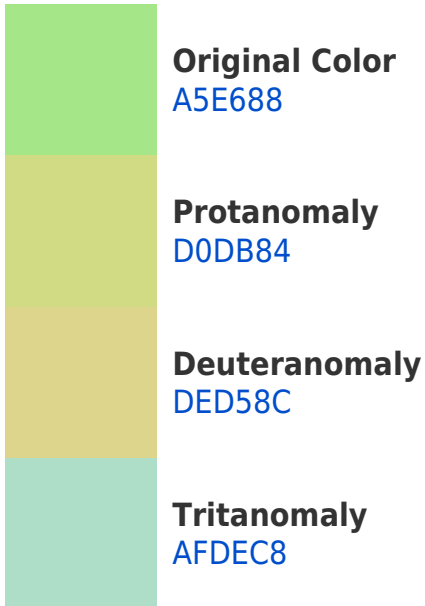
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

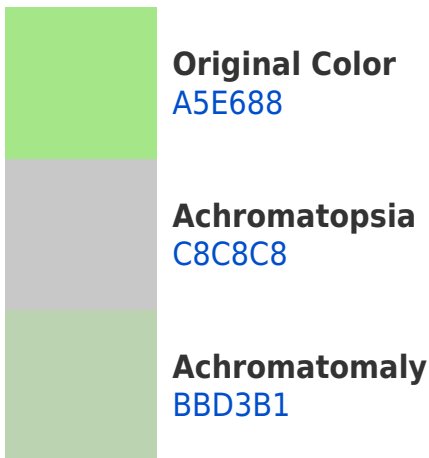




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5E688 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 #A5E688 looks like.

```
.text, #text, p{  
    color:#A5E688  
}
```

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 #A5E688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5E688
}
```

## Border

The CSS property to change the border of an element to Hex A5E688 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
#A5E688 }
```

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

```
.border{ border-color:#A5E688 }
```

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

Here you see how a box with a 4 pixel #A5E688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5E688; -webkit-box-shadow:4px 4px  
4px 4px #A5E688; box-shadow:4px 4px 4px  
4px #A5E688 }
```

# Background

The CSS property to change the background color of an element to Hex A5E688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5E688 }
```

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

```
.background{ background-color:#A5E688 }
```

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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