

# Converting Colors

Hex(A5E193)

Have a look what the booklet for  
Hex(A5E193) contains.

<b>Hex(A5E193)</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(A5E193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5E193
RGB	165, 225, 147
RGB Percent	65%, 88%, 58%
CMY	0.3529, 0.1176, 0.4235
CMYK	0.27, 0.00, 0.35, 0.12
HSL	106°, 57%, 73%
HSV	106°, 35%, 88%
XYZ	47.7087, 63.9563, 37.4341
YIQ	198.1680, -10.7220, -36.9780

# Conversions

## Conversions Part 2

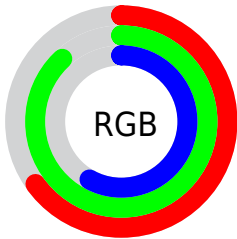
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 225, 207
Decimal	10871187
CIELab	83.94, -33.42, 32.21
CIELCh	84, 46.416, 136.062
Yxy	63.9563, 0.3200, 0.4290
Android (android.graphics.Color)	4289061267 (0xFFA5E193)
YUV	198.1680, -25.2258, -29.0883
Hunter-Lab	79.9727, -33.4658, 28.2281

# Details

The Hex color **A5E193** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CF93E1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DDFFCA**, and **6FA95F** is the 20% darker color. If you saturate the color by 10%, you get **94E17C**, and if you desaturate by 10%, it is **B6E1AA**.

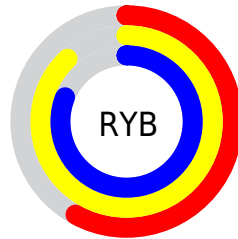
# Distribution



Red (65%)

Green (88%)

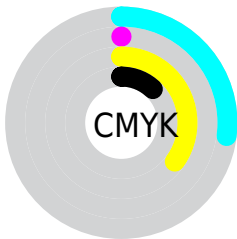
Blue (58%)



Red (58%)

Yellow (88%)

Blue (81%)

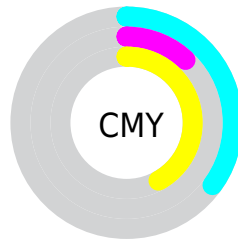


Cyan (27%)

Magenta (0%)

Yellow (35%)

Black (12%)



Cyan (35%)

Magenta (12%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5E193 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 A5E193 by changing the saturation by 10% instead.



 A5E193

 A5E193

FFFFFF

 8AC579


 DDFPCA

 6FA95F

 FAFPE6

 558F47

 3B752F

 215C17

 004400

 002D00

 001600

 000000

 A5E193

 A5E193

 94E17C

 B6E1AA

 82E166

 C8E1C0

 71E14F

 D9E1D6

 60E139

 EAE1ED

 4EE123

 FCE1FF

 3DE10C

 FFE1FF

 34E100

# Harmonies

## Analogous

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



D6D67C



A5E193



6BE7BB

# Triad

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



A5E193



69DCFF



FFAFBB

# Complementary

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



A5E193



CF93E1

# 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.



FFB1E8



A5E193



B7CEFF

# Square

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



A5E193



00E5FF



F4BDFF



FFB994

# Rectangle

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



A5E193



39E9D9



F4BDFE



FFAFCA

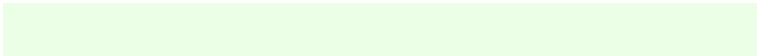


# Sweetspot

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



A5E193



EBFFE6



E1CF93



748070



000000



808080

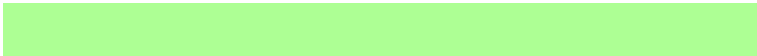


# Same Dimension

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



A5E193



ADFF94



93E1A8



687065



29B000



0B3000



# Inverse Universe

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



CF93E1



E694FF



E193CC



6E6570



8700B0



250030



# Previews

## White Background



This preview shows how the Hex color A5E193 looks on a white background.

## Color Contrast Check

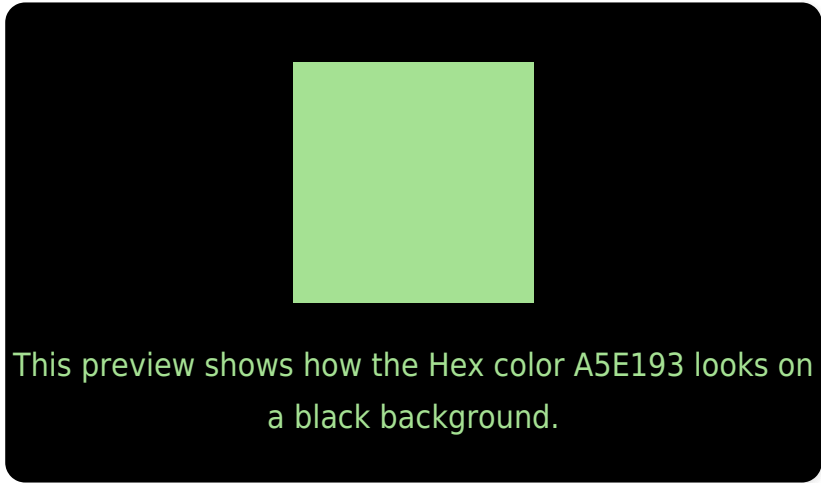
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

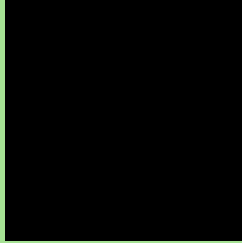
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5E193 Background



This preview shows how black text looks on a background with the Hex color A5E193.

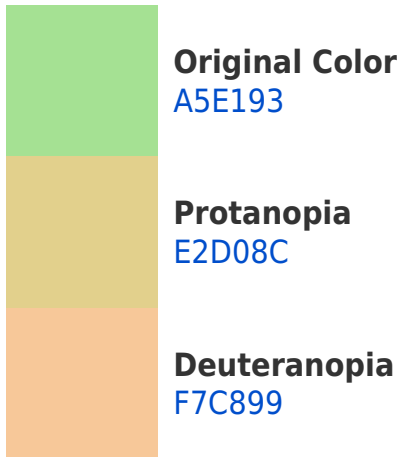


This preview shows how white text looks on a background with the Hex color A5E193.

# 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



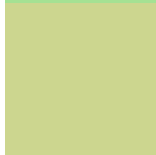


**Tritanopia**  
B3D7E8

# Trichromacy



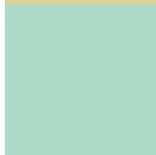
**Original Color**  
A5E193



**Protanomaly**  
CCD68F



**Deuteranomaly**  
D9D197

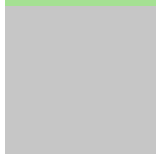


**Tritanomaly**  
AEDBC9

# Monochromacy



**Original Color**  
A5E193



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
BAD0B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5E193 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 #A5E193 looks like.

```
.text, #text, p{  
    color:#A5E193  
}
```

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 #A5E193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5E193
}
```

## Border

The CSS property to change the border of an element to Hex A5E193 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
#A5E193 }
```

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

```
.border{ border-color:#A5E193 }
```

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

Here you see how a box with a 4 pixel #A5E193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5E193; -webkit-box-shadow:4px 4px  
4px 4px #A5E193; box-shadow:4px 4px 4px  
4px #A5E193 }
```

# Background

The CSS property to change the background color of an element to Hex A5E193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5E193 }
```

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

```
.background{ background-color:#A5E193 }
```

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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