

# Converting Colors

Hex(A5E696)

Have a look what the booklet for  
Hex(A5E696) contains.

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# **Color**

**Hex(A5E696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5E696
RGB	165, 230, 150
RGB Percent	65%, 90%, 59%
CMY	0.3529, 0.0980, 0.4118
CMYK	0.28, 0.00, 0.35, 0.10
HSL	109°, 62%, 75%
HSV	109°, 35%, 90%
XYZ	49.3189, 66.7950, 39.1475
YIQ	201.4450, -13.0600, -38.6600

# Conversions

## Conversions Part 2

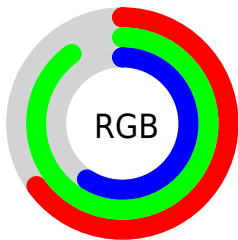
Format	Color
<a href="#">RYB</a>	<a href="#">150, 230, 215</a>
Decimal	<a href="#">10872470</a>
CIELab	<a href="#">85.40, -35.28, 32.61</a>
CIELCh	<a href="#">85, 48.048, 137.253</a>
Yxy	<a href="#">66.7950, 0.3177, 0.4302</a>
Android (android.graphics.Color)	<a href="#">4289062550 (0xFFA5E696)</a>
YUV	<a href="#">201.4450, -25.3624, -31.9623</a>
Hunter-Lab	<a href="#">81.7282, -35.3085, 28.8100</a>

# Details

The Hex color **A5E696** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D796E6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **DEFFCD**, and **6FAE62** is the 20% darker color. If you saturate the color by 10%, you get **92E67F**, and if you desaturate by 10%, it is **B8E6AD**.

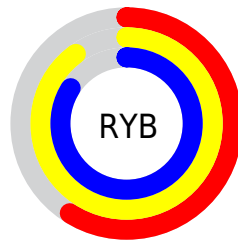
# Distribution



Red (65%)

Green (90%)

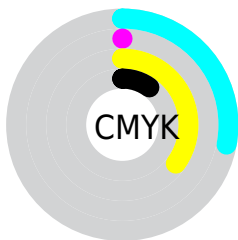
Blue (59%)



Red (59%)

Yellow (90%)

Blue (84%)

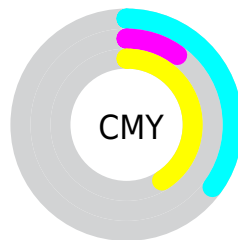


Cyan (28%)

Magenta (0%)

Yellow (35%)

Black (10%)



Cyan (35%)

Magenta (10%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5E696 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 A5E696 by changing the saturation by 10% instead.



 A5E696

 A5E696

FFFFFF

 8ACA7C

 DEFFCD

 6FAE62

 FBFFE9

 54934A

 3A7932

 1F601A

 004801

 003000

 001B00

 000000

 A5E696

 A5E696

 92E67F

 B8E6AD

 80E668

 CAE6C4

 6DE651

 DDE6DB

 5AE63A

 F0E6F2

 48E623

 FFE6FF

 35E60C

 2BE600

# Harmonies

## Analogous

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



D9DB7D



A5E696



67ECC0

# Triad

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



A5E696



6AE0FF



FFB2BD

# Complementary

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



A5E696



D796E6

# 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.



FFB4EB



A5E696



BDD1FF

# Square

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



A5E696



00E9FF



FBC0FF



FFBC95

# Rectangle

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



A5E696



2DEEDF



FBC0FF



FFB1CC

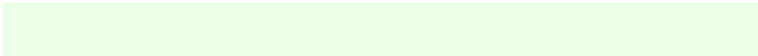


# Sweetspot

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



A5E696



EAFFE6



E6D696



738070



000000



808080

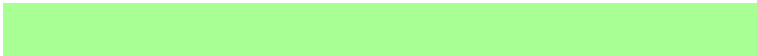


# Same Dimension

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



A5E696



A8FF94



96E6AE



697367



21B300



0A3300



# Inverse Universe

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



D796E6



EB94FF



E696CE



716773



9100B3

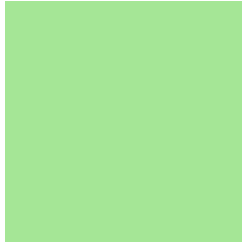


290033



# Previews

## White Background



This preview shows how the Hex color A5E696 looks on a white background.

## Color Contrast Check

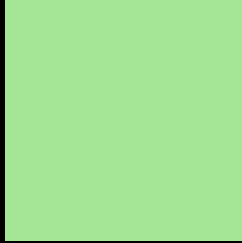
Large Text (above 18pt) WCAG AA × Fail

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 A5E696 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

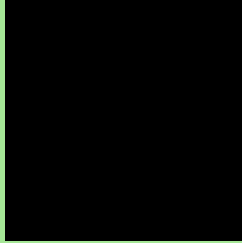
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5E696 Background



This preview shows how black text looks on a background with the Hex color A5E696.

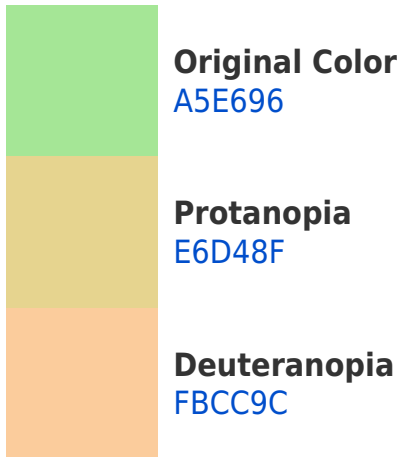


This preview shows how white text looks on a background with the Hex color A5E696.

# 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



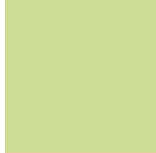


**Tritanopia**  
B4DBED

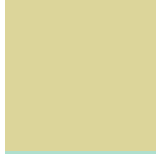
# Trichromacy



**Original Color**  
A5E696



**Protanomaly**  
CEDB92



**Deuteranomaly**  
DCD59A

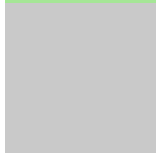


**Tritanomaly**  
AFDFCD

# Monochromacy



**Original Color**  
A5E696



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
BCD4B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5E696 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 #A5E696 looks like.

```
.text, #text, p{  
    color:#A5E696  
}
```

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 #A5E696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5E696
}
```

## Border

The CSS property to change the border of an element to Hex A5E696 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
#A5E696 }
```

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

```
.border{ border-color:#A5E696 }
```

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

Here you see how a box with a 4 pixel #A5E696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5E696; -webkit-box-shadow:4px 4px  
4px 4px #A5E696; box-shadow:4px 4px 4px  
4px #A5E696 }
```

# Background

The CSS property to change the background color of an element to Hex A5E696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5E696 }
```

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

```
.background{ background-color:#A5E696 }
```

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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