

# Converting Colors

Hex(A5ED75)

Have a look what the booklet for  
Hex(A5ED75) contains.

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# **Color**

**Hex(A5ED75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5ED75
RGB	165, 237, 117
RGB Percent	65%, 93%, 46%
CMY	0.3529, 0.0706, 0.5412
CMYK	0.30, 0.00, 0.51, 0.07
HSL	96°, 77%, 69%
HSV	96°, 51%, 93%
XYZ	49.0121, 69.8521, 27.7292
YIQ	201.7920, -4.3920, -52.5840

# Conversions

## Conversions Part 2

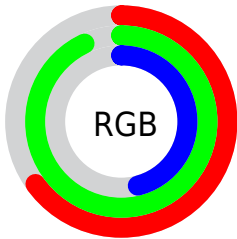
Format	Color
<a href="#">RYB</a>	<a href="#">117, 237, 189</a>
Decimal	<a href="#">10874229</a>
CIELab	<a href="#">86.92, -42.69, 50.68</a>
CIELCh	<a href="#">87, 66.265, 130.105</a>
Yxy	<a href="#">69.8521, 0.3343, 0.4765</a>
Android (android.graphics.Color)	<a href="#">4289064309 (0xFFA5ED75)</a>
YUV	<a href="#">201.7920, -41.8025, -32.2666</a>
Hunter-Lab	<a href="#">83.5775, -41.5835, 38.8332</a>

# Details

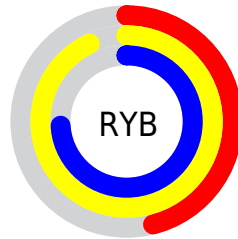
The Hex color **A5ED75** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **BD75ED**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **DFFFAB**, and **6DB540** is the 20% darker color. If you saturate the color by 10%, you get **97ED5D**, and if you desaturate by 10%, it is **B3ED8D**.

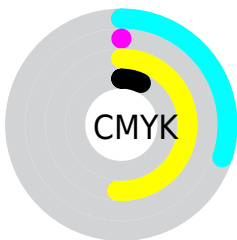
# Distribution



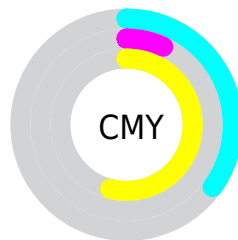
- Red (65%)
- Green (93%)
- Blue (46%)



- Red (46%)
- Yellow (93%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (51%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5ED75 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 A5ED75 by changing the saturation by 10% instead.



 A5ED75

 A5ED75

FFFFFF

 89D05B

 DFFFAB

 6DB540

 FCFFC7

 519925

 FFFFE4

 357F01

 136600

 004D00

 003500

 002000

 000000

 A5ED75

 A5ED75

 97ED5D

 B3ED8D

 89ED46

 C1EDA4

 7AED2E

 D0EDBC

 6CED16

 DEEDD4

 5FED00

 ECEDEB

 FAEDFF

 FFEDFF

# Harmonies

## Analogous

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



E9DD57



A5ED75



39F6AD

# Triad

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



A5ED75



00ECFF



FFA3C7

# Complementary

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



A5ED75



BD75ED

# 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.



FFAAFF



A5ED75



91D9FF

# Square

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



A5ED75



00F6FF



FAC0FF



FFB08C

# Rectangle

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



A5ED75



00F9D8



FAC0FF



FFA3DC

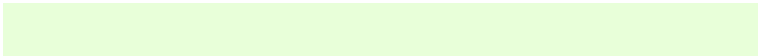


# Sweetspot

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



A5ED75



E8FFD9



E8BD75



728069



000000



808080



# Same Dimension

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



A5ED75



A2FF63



75ED7F



6E756A



48B500



153600



# Inverse Universe

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



BD75ED



C163FF



ED75E1



716A75



6D00B5

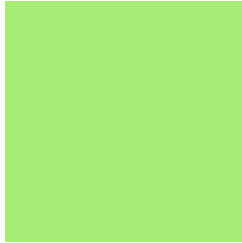


200036



# Previews

## White Background



This preview shows how the Hex color A5ED75 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 A5ED75 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 A5ED75 Background



This preview shows how black text looks on a background with the Hex color A5ED75.

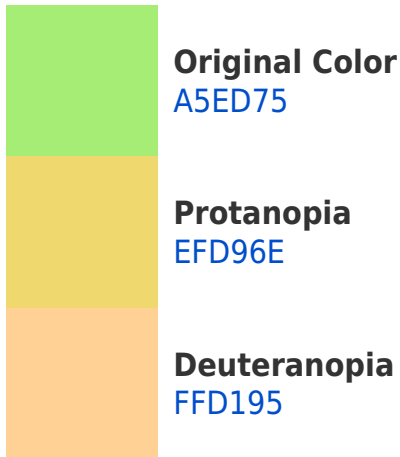


This preview shows how white text looks on a background with the Hex color A5ED75.

# 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](#).

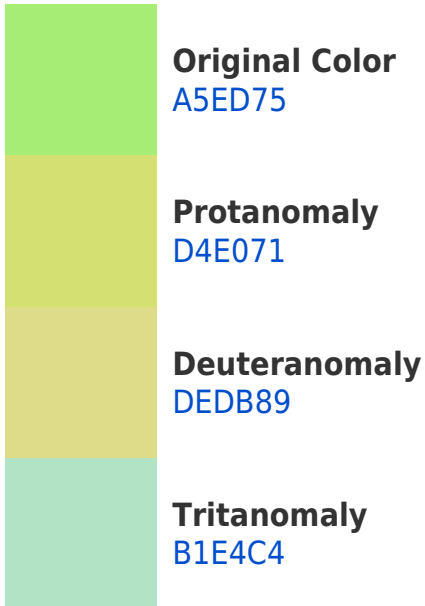
## Dichromacy



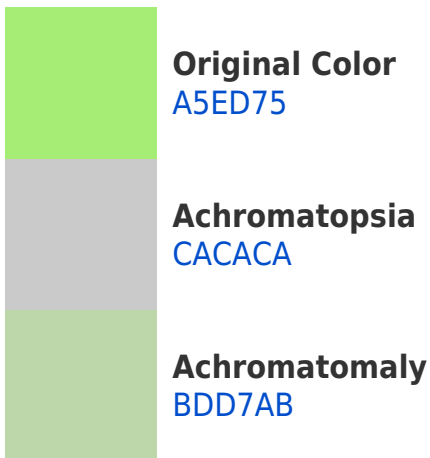


**Tritanopia**  
B8DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5ED75 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 #A5ED75 looks like.

```
.text, #text, p{  
    color:#A5ED75  
}
```

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 #A5ED75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5ED75  
}
```

## Border

The CSS property to change the border of an element to Hex A5ED75 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  
#A5ED75 }
```

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

```
.border{ border-color:#A5ED75 }
```

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

Here you see how a box with a 4 pixel #A5ED75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5ED75; -webkit-box-shadow:4px 4px  
4px 4px #A5ED75; box-shadow:4px 4px 4px  
4px #A5ED75 }
```

# Background

The CSS property to change the background color of an element to Hex A5ED75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5ED75 }
```

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

```
.background{ background-color:#A5ED75 }
```

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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