

# Converting Colors

Hex(A3DE73)

Have a look what the booklet for  
Hex(A3DE73) contains.

<b>Hex(A3DE73)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A3DE73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3DE73
RGB	163, 222, 115
RGB Percent	64%, 87%, 45%
CMY	0.3608, 0.1294, 0.5490
CMYK	0.27, 0.00, 0.48, 0.13
HSL	93°, 62%, 66%
HSV	93°, 48%, 87%
XYZ	44.3200, 61.2669, 25.7094
YIQ	192.1610, -0.8170, -45.7850

# Conversions

## Conversions Part 2

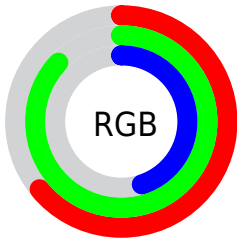
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 222, 174
Decimal	10739315
CIELab	82.52, -36.94, 46.25
CIELCh	83, 59.190, 128.614
Yxy	61.2669, 0.3376, 0.4666
Android (android.graphics.Color)	4288929395 (0xFFA3DE73)
YUV	192.1610, -38.0404, -25.5742
Hunter-Lab	78.2732, -35.9073, 35.3170

# Details

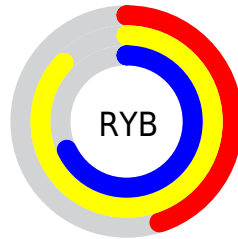
The Hex color **A3DE73** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AE73DE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **DCFFA9**, and **6CA63F** is the 20% darker color. If you saturate the color by 10%, you get **97DE5D**, and if you desaturate by 10%, it is **AFDE89**.

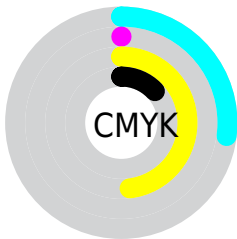
# Distribution



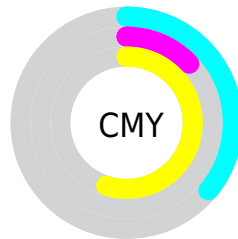
- Red (64%)
- Green (87%)
- Blue (45%)



- Red (45%)
- Yellow (87%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (48%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3DE73 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 A3DE73 by changing the saturation by 10% instead.



 A3DE73

 A3DE73

FFFFFF

 87C259

 DCFFA9

 6CA63F

 F9FFC5

 518C25

 FFFFE1

 367205

FFFFFFE

 195900

 004100

 002B00

 001000

 000000

 A3DE73

 A3DE73

 97DE5D

 AFDE89

 8BDE47

 BBDE9F

 7EDE30

 C8DEB6

 72DE1A

 D4DECC

 66DE04

 E0DEE2

 64DE00

 ECDEF8

 F9DEFF

 FFDEFF

# Harmonies

## Analogous

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



DFD05B



A3DE73



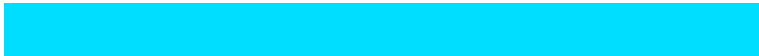
50E7A3

# Triad

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



A3DE73



00DEFF



FF9EBF

# Complementary

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



A3DE73



AE73DE

# 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.



FFA5F7



A3DE73



8BCEFF

# Square

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



A3DE73



00E7FF



E7B8FF



FFA88B

# Rectangle

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



A3DE73



00E9C9



E7B8FF



FF9ED2



# Sweetspot

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



A3DE73



EBFFDB



DEAE73



74806A



000000



808080



# Same Dimension

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



A3DE73



ADFF6B



73DE78



6A7065



4FB000



163000



# Inverse Universe

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



AE73DE



BD6BFF



DE73D9



6B6570



6100B0

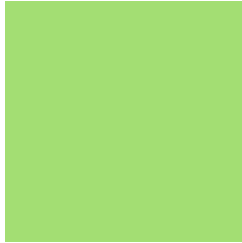


1B0030



# Previews

## White Background



This preview shows how the Hex color A3DE73 looks on a white background.

## Color Contrast Check

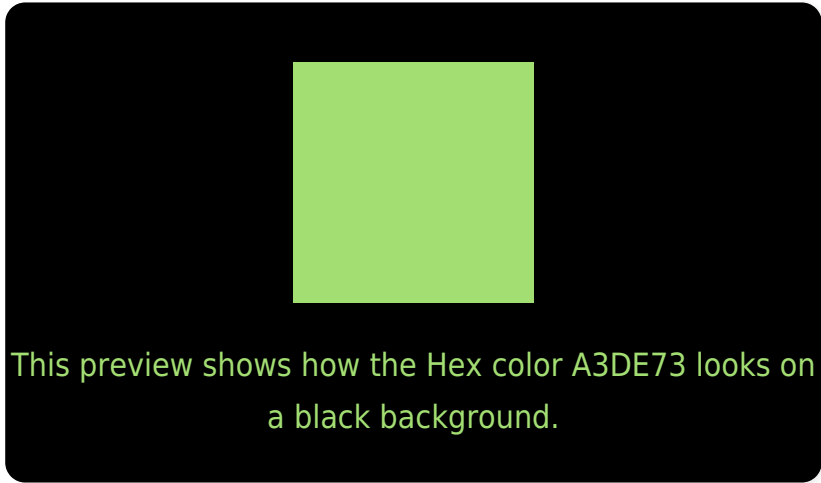
Large Text (above 18pt) WCAG AA × Fail

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 A3DE73 Background



This preview shows how black text looks on a background with the Hex color A3DE73.

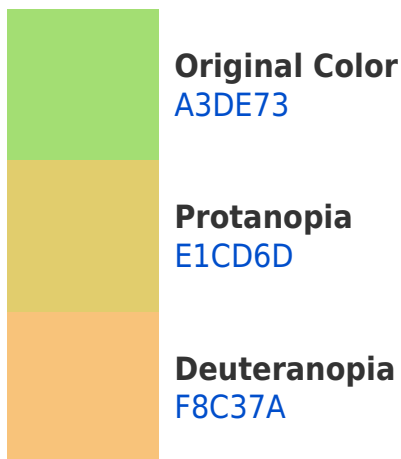


This preview shows how white text looks on a background with the Hex color A3DE73.

# 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](#).

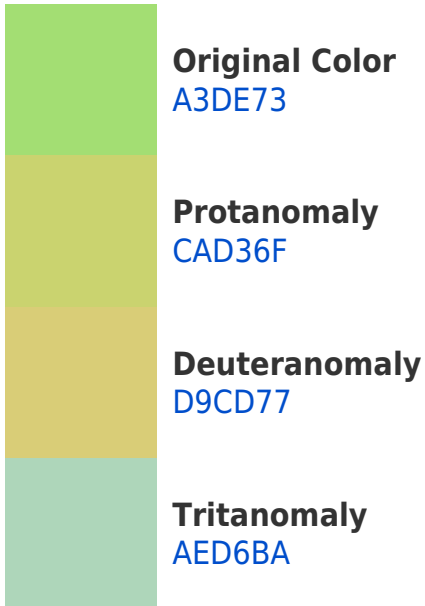
## Dichromacy



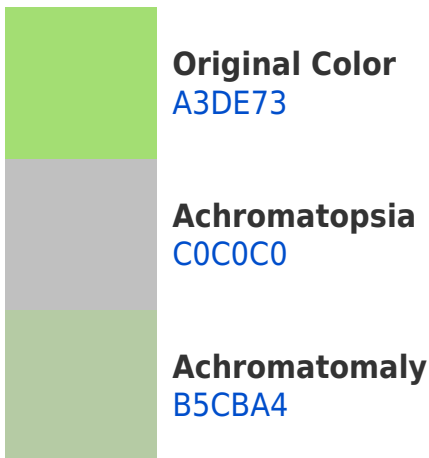


**Tritanopia**  
B4D2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3DE73 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 #A3DE73 looks like.

```
.text, #text, p{  
    color:#A3DE73  
}
```

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 #A3DE73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3DE73  
}
```

## Border

The CSS property to change the border of an element to Hex A3DE73 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  
#A3DE73 }
```

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

```
.border{ border-color:#A3DE73 }
```

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

Here you see how a box with a 4 pixel #A3DE73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3DE73; -webkit-box-shadow:4px 4px  
4px 4px #A3DE73; box-shadow:4px 4px 4px  
4px #A3DE73 }
```

# Background

The CSS property to change the background color of an element to Hex A3DE73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3DE73 }
```

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

```
.background{ background-color:#A3DE73 }
```

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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