

Converting Colors

Hex(A6CE63)

Have a look what the booklet for
Hex(A6CE63) contains.

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Color

Hex(A6CE63)

Conversions

Conversions Part 1

Format	Color
Hex	A6CE63
RGB	166, 206, 99
RGB Percent	65%, 81%, 39%
CMY	0.3490, 0.1922, 0.6118
CMYK	0.19, 0.00, 0.52, 0.19
HSL	82°, 52%, 60%
HSV	82°, 52%, 81%
XYZ	40.0493, 53.1505, 19.9526
YIQ	181.8420, 10.5070, -41.7570

Conversions

Conversions Part 2

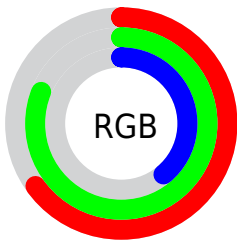
Format	Color
RYB	99, 206, 139
Decimal	10931811
CIELab	77.96, -30.17, 48.41
CIELCh	78, 57.038, 121.932
Yxy	53.1505, 0.3539, 0.4697
Android (android.graphics.Color)	4289121891 (0xFFA6CE63)
YUV	181.8420, -40.8411, -13.8934
Hunter-Lab	72.9044, -29.5253, 34.8064

Details

The Hex color **A6CE63** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8B63CE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **DFFF98**, and **6F982F** is the 20% darker color. If you saturate the color by 10%, you get **9ECE4E**, and if you desaturate by 10%, it is **AECE78**.

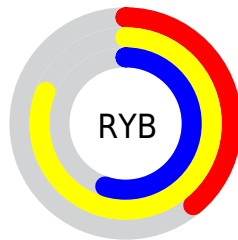
Distribution



Red (65%)

Green (81%)

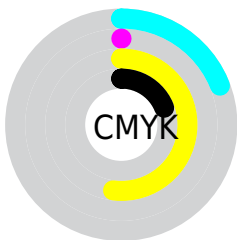
Blue (39%)



Red (39%)

Yellow (81%)

Blue (55%)

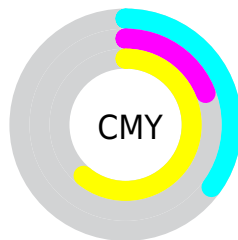


Cyan (19%)

Magenta (0%)

Yellow (52%)

Black (19%)



Cyan (35%)

Magenta (19%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6CE63 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 A6CE63 by changing the saturation by 10% instead.

 A6CE63

 A6CE63

FFFFFF

 8AB249

 DFFF98

 6F982F

 FCFFB4

 557D12

 FFFFFD0

 3B6400

 FFFFFED

 224C00

 003500

 002100

 000000

 A6CE63

 A6CE63

 9ECE4E

 AECE78

 97CE3A

 B5CE8C

 8FCE25

 BDCEA1

 87CE11

 C5CEB5

 81CE00

 CDCECA

 D4CEDF

 DCCEF3

 E4CEFF

 EBCEFF

Harmonies

Analogous

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



DCBF53



A6CE63



5FD78D

Triad

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



A6CE63



00D3FF



FF93BF

Complementary

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



A6CE63



8B63CE

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.



FF9DF3



A6CE63



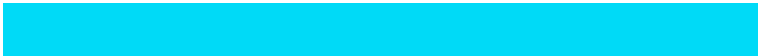
65C5FF

Square

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



A6CE63



00DAF7



C9B1FF



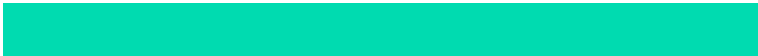
FF9A8C

Rectangle

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



A6CE63



00DBB0



C9B1FF



FF95D1

Sweetspot

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



A6CE63



F0FFD6



CE8A63



768067



000000



808080

Same Dimension

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



A6CE63



C4FF61



71CE63



62665C



68A600



182600

Inverse Universe

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



8B63CE



9C61FF



C063CE



605C66



3E00A6



0E0026

Previews

White Background



This preview shows how the Hex color A6CE63 looks on a white background.

Color Contrast Check

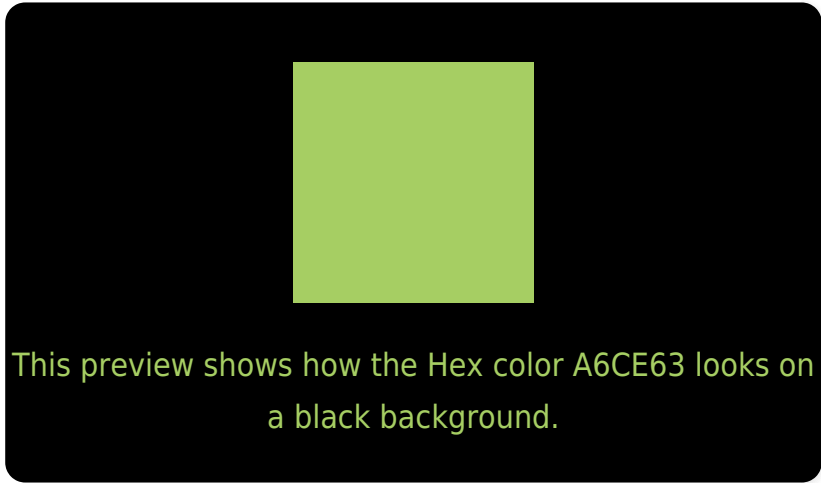
Large Text (above 18pt) WCAG AA × Fail

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 A6CE63 Background



This preview shows how black text looks on a background with the Hex color A6CE63.

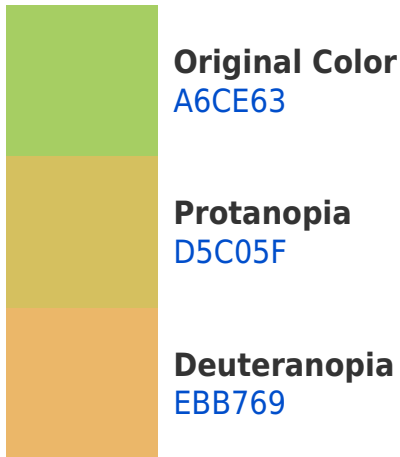


This preview shows how white text looks on a background with the Hex color A6CE63.

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](#).

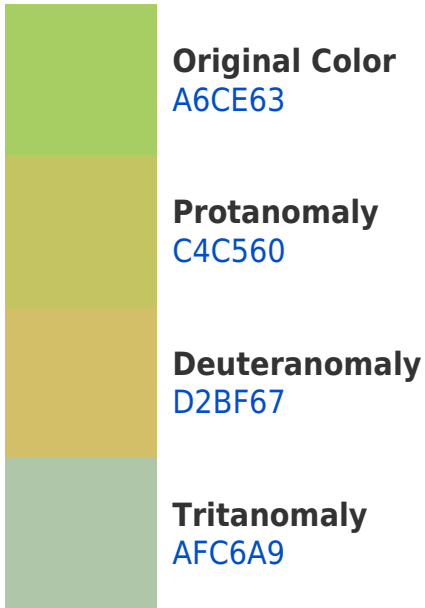
Dichromacy



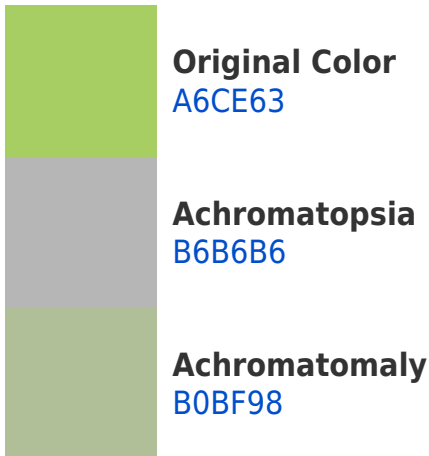


Tritanopia
B4C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6CE63 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 #A6CE63 looks like.

```
.text, #text, p{  
    color:#A6CE63  
}
```

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 #A6CE63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6CE63  
}
```

Border

The CSS property to change the border of an element to Hex A6CE63 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  
#A6CE63 }
```

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

```
.border{ border-color:#A6CE63 }
```

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

Here you see how a box with a 4 pixel #A6CE63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6CE63; -webkit-box-shadow:4px 4px  
4px 4px #A6CE63; box-shadow:4px 4px 4px  
4px #A6CE63 }
```

Background

The CSS property to change the background color of an element to Hex A6CE63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6CE63 }
```

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

```
.background{ background-color:#A6CE63 }
```

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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