

Converting Colors

Hex(A6E263)

Have a look what the booklet for
Hex(A6E263) contains.

Hex(A6E263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A6E263)

Conversions

Conversions Part 1

Format	Color
Hex	A6E263
RGB	166, 226, 99
RGB Percent	65%, 89%, 39%
CMY	0.3490, 0.1137, 0.6118
CMYK	0.27, 0.00, 0.56, 0.11
HSL	88°, 69%, 64%
HSV	88°, 56%, 89%
XYZ	45.1744, 63.4006, 21.6610
YIQ	193.5820, 5.0070, -52.2170

Conversions

Conversions Part 2

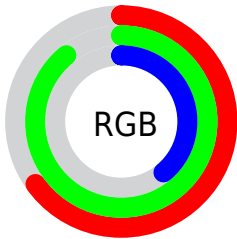
Format	Color
RYB	99, 226, 159
Decimal	10936931
CIELab	83.65, -39.34, 55.06
CIELCh	84, 67.670, 125.543
Yxy	63.4006, 0.3469, 0.4868
Android (android.graphics.Color)	4289127011 (0xFFA6E263)
YUV	193.5820, -46.6289, -24.1894
Hunter-Lab	79.6245, -38.0721, 39.6079

Details

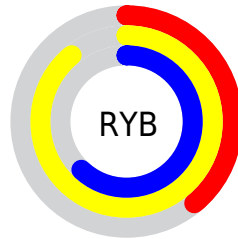
The Hex color **A6E263** is a light color, and the websafe version is hex **99CC33**. A complement of this color would be **9F63E2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E0FF99**, and **6EAA2D** is the 20% darker color. If you saturate the color by 10%, you get **9BE24C**, and if you desaturate by 10%, it is **B1E27A**.

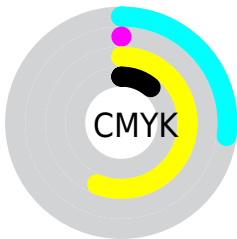
Distribution



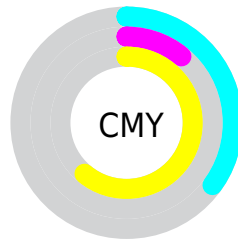
- Red (65%)
- Green (89%)
- Blue (39%)



- Red (39%)
- Yellow (89%)
- Blue (62%)



- Cyan (27%)
- Magenta (0%)
- Yellow (56%)
- Black (11%)



- Cyan (35%)
- Magenta (11%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E263 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 A6E263 by changing the saturation by 10% instead.

 A6E263

 A6E263

FFFFFF

 8AC648

 E0FF99

 6EAA2D

 FDFFB5

 53900A

 FFFFD1

 377600

 FFFFEE

 195C00

 004400

 002D00

 001500

 000000

 A6E263

 A6E263

 9BE24C

 B1E27A

 91E236

 BBE290

 86E21F

 C6E2A7

 7BE209

 D1E2BD

 77E200

 DBE2D4

 E6E2EB

 F1E2FF

 FBE2FF

 FFE2FF

Harmonies

Analogous

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



E9D149



A6E263



40EC99

Triad

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



A6E263



00E5FF



FF97C7

Complementary

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



A6E263



9F63E2

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.



FFA2FF



A6E263



69D4FF

Square

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



A6E263



00EEFF



E4BBFF



FFA38A

Rectangle

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



A6E263



00EFC5



E4BBFF



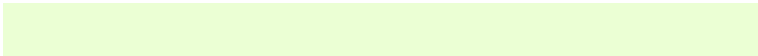
FF98DD

Sweetspot

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



A6E263



EBFFD4



E29E63



738066



000000



808080

Same Dimension

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



A6E263



AEFF54



67E263



6B7065



5DB000



1A3000

Inverse Universe

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



9F63E2



A554FF



DE63E2



6A6570



5300B0



170030

Previews

White Background



This preview shows how the Hex color A6E263 looks on a white background.

Color Contrast Check

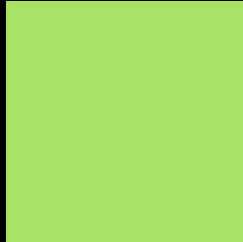
Large Text (above 18pt) WCAG AA × Fail

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 A6E263 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 A6E263 Background



This preview shows how black text looks on a background with the Hex color A6E263.

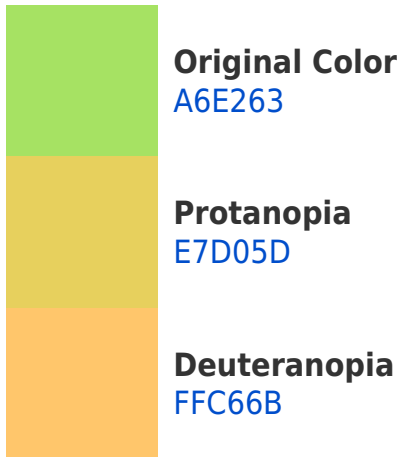


This preview shows how white text looks on a background with the Hex color A6E263.

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
B8D4E5

Trichromacy



Original Color
A6E263



Protanomaly
CFD75F



Deuteranomaly
DFD068



Tritanomaly
B1D9B6

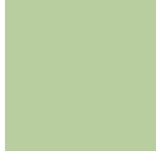
Monochromacy



Original Color
A6E263



Achromatopsia
C2C2C2



Achromatomaly
B8CE9F

CSS Examples

Text

The CSS property to change the color of the text to Hex A6E263 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 #A6E263 looks like.

```
.text, #text, p{  
    color:#A6E263  
}
```

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 #A6E263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E263
}
```

Border

The CSS property to change the border of an element to Hex A6E263 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
#A6E263 }
```

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

```
.border{ border-color:#A6E263 }
```

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

Here you see how a box with a 4 pixel #A6E263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E263; -webkit-box-shadow:4px 4px  
4px 4px #A6E263; box-shadow:4px 4px 4px  
4px #A6E263 }
```

Background

The CSS property to change the background color of an element to Hex A6E263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E263 }
```

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

```
.background{ background-color:#A6E263 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor