

Converting Colors

Hex(A4E277)

Have a look what the booklet for
Hex(A4E277) contains.

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Color

Hex(A4E277)

Conversions

Conversions Part 1

Format	Color
Hex	A4E277
RGB	164, 226, 119
RGB Percent	64%, 89%, 47%
CMY	0.3569, 0.1137, 0.5333
CMYK	0.27, 0.00, 0.47, 0.11
HSL	95°, 65%, 68%
HSV	95°, 47%, 89%
XYZ	45.8360, 63.6171, 27.3163
YIQ	195.2640, -2.6050, -46.4210

Conversions

Conversions Part 2

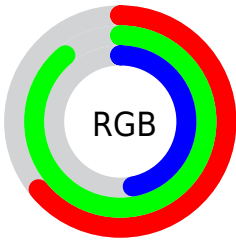
Format	Color
RYB	119, 226, 181
Decimal	10805879
CIELab	83.77, -37.93, 45.87
CIELCh	84, 59.522, 129.587
Yxy	63.6171, 0.3351, 0.4651
Android (android.graphics.Color)	4288995959 (0xFFA4E277)
YUV	195.2640, -37.5982, -27.4185
Hunter-Lab	79.7604, -37.0018, 35.5266

Details

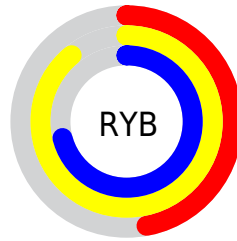
The Hex color **A4E277** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B577E2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DFFAD**, and **6DAA43** is the 20% darker color. If you saturate the color by 10%, you get **97E260**, and if you desaturate by 10%, it is **B1E28E**.

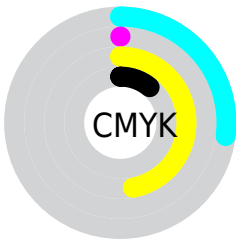
Distribution



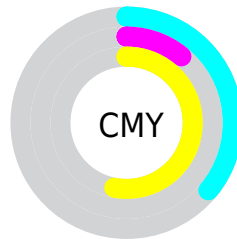
- Red (64%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4E277 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 A4E277 by changing the saturation by 10% instead.

 A4E277

FFFFFF

 DDFEAD

 FAFFC9

 FFFFE6

 A4E277

 88C65D

 6DAA43

 528F29

 37750B

 195C00

 004400

 002D00

 001600

 000000

 A4E277

 A4E277

 97E260

 B1E28E

 8AE24A

 BEE2A4

 7DE233

 CBE2BB

 70E21D

 D8E2D1

 63E206

 E5E2E8

 5FE200

 F3E2FF

 FFE2FF

Harmonies

Analogous

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



E1D45E



A4E277



4FEAA8

Triad

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



A4E277



00E1FF



FFA1C1

Complementary

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



A4E277



B577E2

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.



FFA8F9



A4E277



92D1FF

Square

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



A4E277



00EBFF



EDBBFF



FFAC8C

Rectangle

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



A4E277



00EDCE



EDBBFF



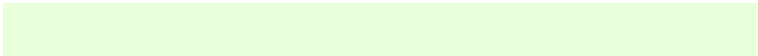
FFA1D4

Sweetspot

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



A4E277



EAFFDB



E2B477



73806A



000000



808080

Same Dimension

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



A4E277



ABFF6E



77E27E



6A7065



4AB000



143000

Inverse Universe

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



B577E2



C26EFF



E277DB



6B6570



6600B0



1C0030

Previews

White Background



This preview shows how the Hex color A4E277 looks on a white background.

Color Contrast Check

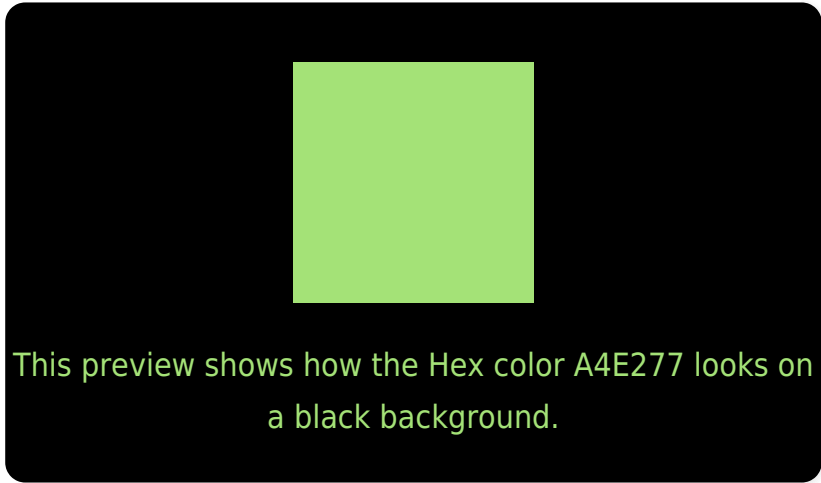
Large Text (above 18pt) WCAG AA × Fail

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 A4E277 Background



This preview shows how black text looks on a background with the Hex color A4E277.

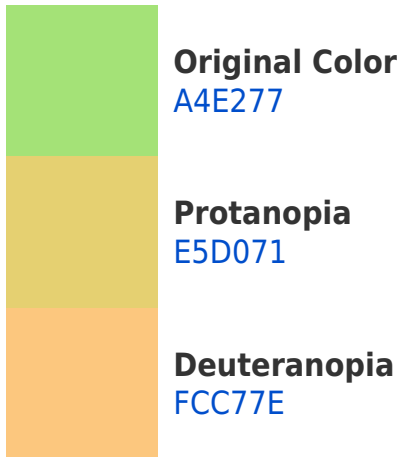


This preview shows how white text looks on a background with the Hex color A4E277.

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
B5D5E6

Trichromacy



Original Color

A4E277



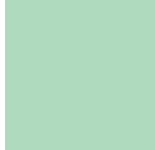
Protanomaly

CDD773



Deuteranomaly

DCD17B



Tritanomaly

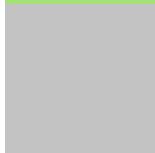
AFDABE

Monochromacy



Original Color

A4E277



Achromatopsia

C3C3C3



Achromatomaly

B8CEA7

CSS Examples

Text

The CSS property to change the color of the text to Hex A4E277 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 #A4E277 looks like.

```
.text, #text, p{  
    color:#A4E277  
}
```

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 #A4E277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E277  
}
```

Border

The CSS property to change the border of an element to Hex A4E277 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  
#A4E277 }
```

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

```
.border{ border-color:#A4E277 }
```

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

Here you see how a box with a 4 pixel #A4E277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E277; -webkit-box-shadow:4px 4px  
4px 4px #A4E277; box-shadow:4px 4px 4px  
4px #A4E277 }
```

Background

The CSS property to change the background color of an element to Hex A4E277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E277 }
```

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

```
.background{ background-color:#A4E277 }
```

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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