

Converting Colors

Hex(7AE27A)

Have a look what the booklet for
Hex(7AE27A) contains.

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Color

Hex(7AE27A)

Conversions

Conversions Part 1

Format	Color
Hex	7AE27A
RGB	122, 226, 122
RGB Percent	48%, 89%, 48%
CMY	0.5216, 0.1137, 0.5216
CMYK	0.46, 0.00, 0.46, 0.11
HSL	120°, 64%, 68%
HSV	120°, 46%, 89%
XYZ	38.7352, 59.9354, 27.9395
YIQ	183.0480, -28.6000, -54.3920

Conversions

Conversions Part 2

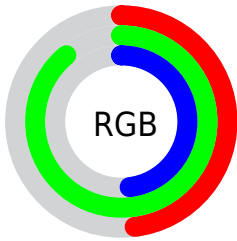
Format	Color
RYB	122, 226, 226
Decimal	8053370
CIELab	81.80, -50.86, 41.53
CIElCh	82, 65.666, 140.765
Yxy	59.9354, 0.3059, 0.4734
Android (android.graphics.Color)	4286243450 (0xFF7AE27A)
YUV	183.0480, -30.0967, -53.5391
Hunter-Lab	77.4180, -46.1709, 32.7953

Details

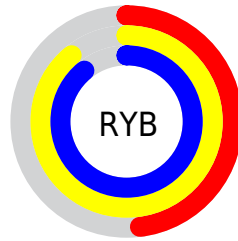
The Hex color **7AE27A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E27AE2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B4FFB0**, and **3FAA47** is the 20% darker color. If you saturate the color by 10%, you get **63E263**, and if you desaturate by 10%, it is **91E291**.

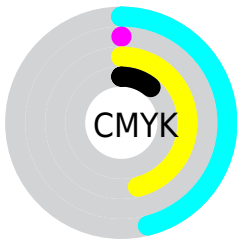
Distribution



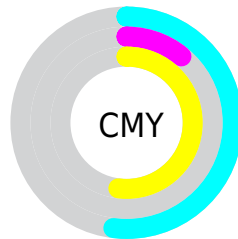
- Red (48%)
- Green (89%)
- Blue (48%)



- Red (48%)
- Yellow (89%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE27A 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 7AE27A by changing the saturation by 10% instead.

 7AE27A

 7AE27A

FFFFFF

 5DC660

 B4FFB0

 3FAA47

 D1FFCC

 1A8F2E

 EFFFEE

 007413

 005B00

 004200

 002D00

 000C00

 000000

 7AE27A

 7AE27A

 63E263

 91E291

 4DE24D

 A7E2A7

 36E236

 BEE2BE

 20E220

 D4E2D4

 09E209

 EBE2EB

 00E200

 FFE2FF

Harmonies

Analogous

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



C4D551



7AE27A



00E9B6

Triad

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



7AE27A



00D8FF



FF97A3

Complementary

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



7AE27A



E27AE2

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.



FF97E1



7AE27A



AEC3FF

Square

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



7AE27A



00E4FF



FFAAFF



FFAA6E

Rectangle

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



7AE27A



00EAE0



FFAAFF



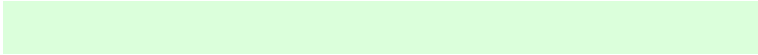
FF95B7

Sweetspot

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



7AE27A



DBFFDB



E2E27A



6A806A



000000



808080

Same Dimension

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



7AE27A



73FF73



7AE2AE



657065



00B000



003000

Inverse Universe

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



E27AE2



FF73FF



E27AAE



706570



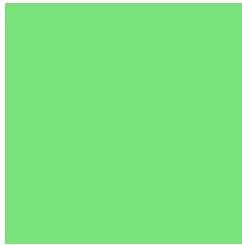
B000B0



300030

Previews

White Background



This preview shows how the Hex color 7AE27A 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 7AE27A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

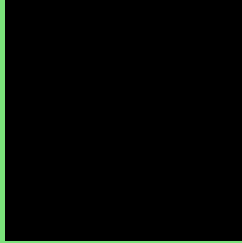
Any Text WCAG AA ✓ Pass

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 7AE27A Background



This preview shows how black text looks on a background with the Hex color 7AE27A.

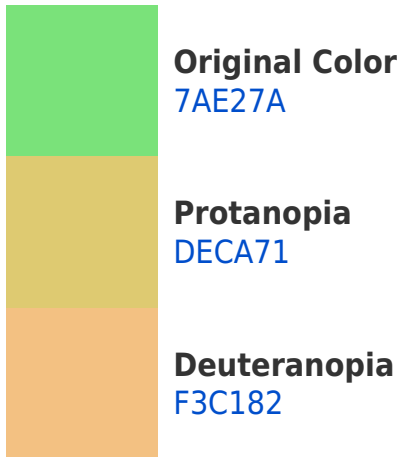


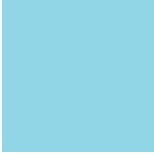
This preview shows how white text looks on a background with the Hex color 7AE27A.

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
91D6E7

Trichromacy



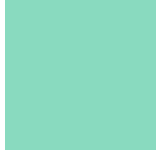
Original Color
7AE27A



Protanomaly
BAD374



Deuteranomaly
C7CD7F

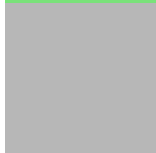


Tritanomaly
89DABF

Monochromacy



Original Color
7AE27A



Achromatopsia
B7B7B7



Achromatomaly
A1C7A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE27A 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 #7AE27A looks like.

```
.text, #text, p{  
    color:#7AE27A  
}
```

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 #7AE27A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE27A
}
```

Border

The CSS property to change the border of an element to Hex 7AE27A 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
#7AE27A }
```

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

```
.border{ border-color:#7AE27A }
```

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

Here you see how a box with a 4 pixel #7AE27A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE27A; -webkit-box-shadow:4px 4px  
4px 4px #7AE27A; box-shadow:4px 4px 4px  
4px #7AE27A }
```

Background

The CSS property to change the background color of an element to Hex 7AE27A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE27A }
```

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

```
.background{ background-color:#7AE27A }
```

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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