

Converting Colors

Hex(49E27A)

Have a look what the booklet for
Hex(49E27A) contains.

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Color

Hex(49E27A)

Conversions

Conversions Part 1

Format	Color
Hex	49E27A
RGB	73, 226, 122
RGB Percent	29%, 89%, 48%
CMY	0.7137, 0.1137, 0.5216
CMYK	0.68, 0.00, 0.46, 0.11
HSL	139°, 73%, 59%
HSV	139°, 68%, 89%
XYZ	33.4569, 57.2143, 27.6925
YIQ	168.3970, -57.8040, -64.7800

Conversions

Conversions Part 2

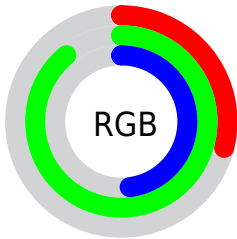
Format	Color
RYB	73, 189, 226
Decimal	4842106
CIELab	80.30, -62.05, 39.32
CIElCh	80, 73.459, 147.639
Yxy	57.2143, 0.2827, 0.4834
Android (android.graphics.Color)	4283032186 (0xFF49E27A)
YUV	168.3970, -22.8737, -83.6632
Hunter-Lab	75.6401, -53.4168, 31.2416

Details

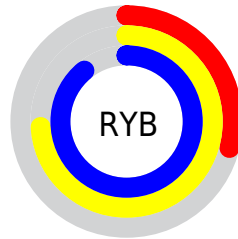
The Hex color **49E27A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E249B1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8AFFB0**, and **00A947** is the 20% darker color. If you saturate the color by 10%, you get **32E26B**, and if you desaturate by 10%, it is **60E289**.

Distribution



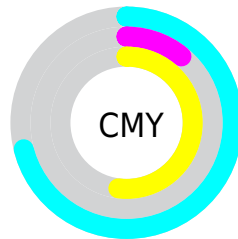
- Red (29%)
- Green (89%)
- Blue (48%)



- Red (29%)
- Yellow (74%)
- Blue (89%)



- Cyan (68%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (71%)
- Magenta (11%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49E27A 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 49E27A by changing the saturation by 10% instead.

 49E27A

 49E27A

FFFFFF

 1CC560

 8AFFB0

 00A947

 A9FFCC

 008E2E

 C7FFE8

 007314

 E6FFFF

 005900

 004000

 002900

 000200

 000000

 49E27A

 49E27A

 32E26B

 60E289

 1CE25B

 76E299

 05E24C

 8DE2A8

 00E248

 A3E2B7

 BAE2C7

 D1E2D6

 E7E2E6

 FEE2F5

 FFE2FF

Harmonies

Analogous

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



ACD642



49E27A



00E8BF

Triad

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



49E27A



00D1FF



FF8E8C

Complementary

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



49E27A



E249B1

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.



FF87D0



49E27A



BEB7FF

Square

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



49E27A



00E1FF



FF9AFF



FFA752

Rectangle

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



49E27A



00E8EF



FF9AFF



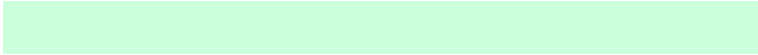
FF89A2

Sweetspot

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



49E27A



CCFFDC



B2E249



61806B



000000



808080

Same Dimension

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



49E27A



30FF73



49E2C6



657069



00B038



003010

Inverse Universe

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



E249B1



FF30BD



E24965



70656D



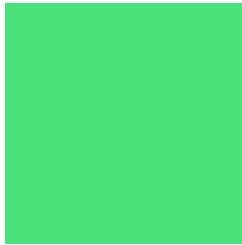
B00078



300021

Previews

White Background



This preview shows how the Hex color 49E27A 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 49E27A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

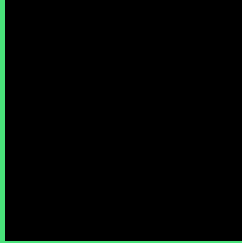
Any Text WCAG AA ✓ Pass

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 49E27A Background



This preview shows how black text looks on a background with the Hex color 49E27A.

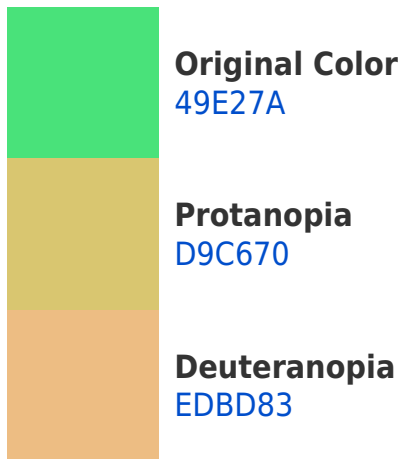


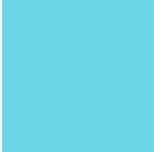
This preview shows how white text looks on a background with the Hex color 49E27A.

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
6DD6E7

Trichromacy



Original Color
49E27A



Protanomaly
A5D074



Deuteranomaly
B1CA80



Tritanomaly
60DABF

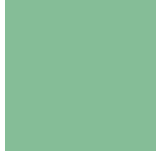
Monochromacy



Original Color
49E27A



Achromatopsia
A8A8A8



Achromatomaly
85BD97

CSS Examples

Text

The CSS property to change the color of the text to Hex 49E27A 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 #49E27A looks like.

```
.text, #text, p{  
    color:#49E27A  
}
```

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 #49E27A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49E27A
}
```

Border

The CSS property to change the border of an element to Hex 49E27A 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
#49E27A }
```

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

```
.border{ border-color:#49E27A }
```

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

Here you see how a box with a 4 pixel #49E27A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49E27A; -webkit-box-shadow:4px 4px  
4px 4px #49E27A; box-shadow:4px 4px 4px  
4px #49E27A }
```

Background

The CSS property to change the background color of an element to Hex 49E27A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49E27A }
```

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

```
.background{ background-color:#49E27A }
```

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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