

# Converting Colors

Hex(69C27E)

Have a look what the booklet for  
Hex(69C27E) contains.

<b>Hex(69C27E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(69C27E)

# Conversions

## Conversions Part 1

Format	Color
Hex	69C27E
RGB	105, 194, 126
RGB Percent	41%, 76%, 49%
CMY	0.5882, 0.2392, 0.5059
CMYK	0.46, 0.00, 0.35, 0.24
HSL	134°, 42%, 59%
HSV	134°, 46%, 76%
XYZ	28.8834, 43.0932, 26.5342
YIQ	159.6370, -31.2160, -40.0160

# Conversions

## Conversions Part 2

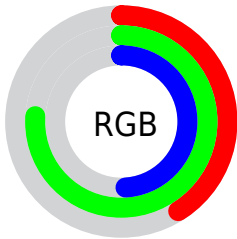
Format	Color
<a href="#">RYB</a>	<a href="#">105, 177, 194</a>
Decimal	<a href="#">6931070</a>
CIELab	<a href="#">71.62, -41.51, 26.14</a>
CIELCh	<a href="#">72, 49.055, 147.798</a>
Yxy	<a href="#">43.0932, 0.2932, 0.4374</a>
Android (android.graphics.Color)	<a href="#">4285121150 (0xFF69C27E)</a>
YUV	<a href="#">159.6370, -16.5830, -47.9166</a>
Hunter-Lab	<a href="#">65.6454, -36.3411, 21.9865</a>

# Details

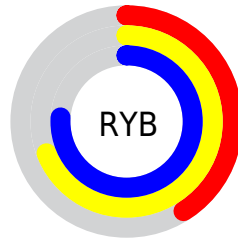
The Hex color **69C27E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C269AD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A1FBB3**, and **308C4C** is the 20% darker color. If you saturate the color by 10%, you get **56C26F**, and if you desaturate by 10%, it is **7CC28D**.

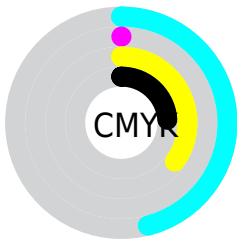
# Distribution



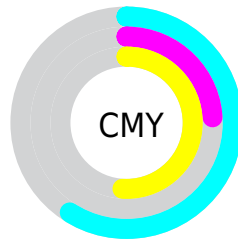
- Red (41%)
- Green (76%)
- Blue (49%)



- Red (41%)
- Yellow (69%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69C27E 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 69C27E by changing the saturation by 10% instead.





69C27E



69C27E

FFFFFF



4DA665



A1FBB3



308C4C



BDFFCF



0A7235



DAFFEB



00581E



F7FFFF



004007



002A00



000B00



000000



69C27E



69C27E

 56C26F

 7CC28D

 42C260

 90C29C

 2FC252

 A3C2AA

 1BC243

 B7C2B9

 08C234

 CAC2C8

 00C22E

 DDC2D7

 F1C2E6

 FFC2F5

 FFC2FF

# Harmonies

## Analogous

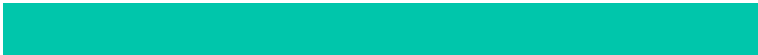
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0B95D



69C27E



00C6AB

# Triad

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



69C27E



5AB5FF



FF8E88

# Complementary

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



69C27E



C269AD

# 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.



FF8BB5



69C27E



AEA5FF

# Square

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



69C27E



00C0FA



E494E0



F09C65

# Rectangle

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



69C27E



00C6C9



E494E0



FF8B96

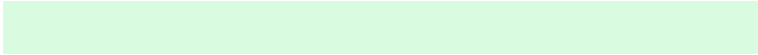


# Sweetspot

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



69C27E



D9FCE1



ADC269



6A806F



000000



808080



# Same Dimension

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



69C27E



72FC92



69C2AA



576159



00A126



002108



# Inverse Universe

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



C269AD



FC72DC



C26981



61575F



A1007B



210019



# Previews

## White Background



This preview shows how the Hex color 69C27E looks on a white background.

## Color Contrast Check

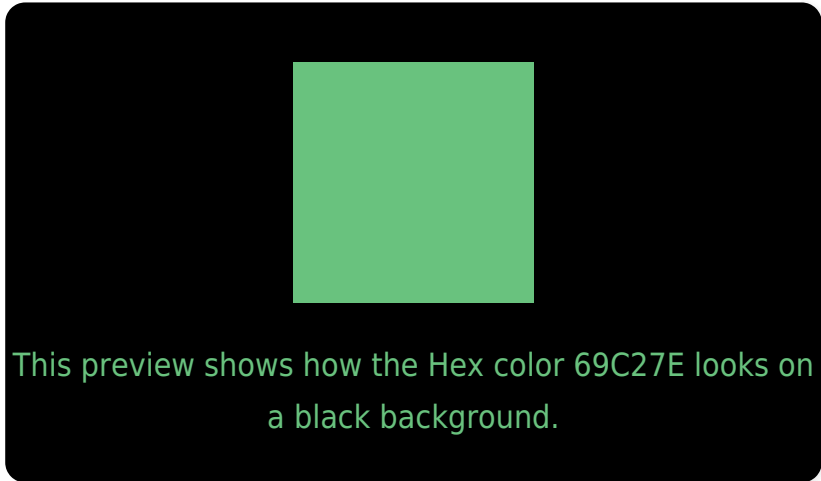
Large Text (above 18pt) WCAG AA × Fail

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

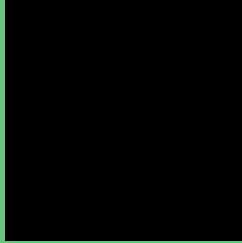
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69C27E Background



This preview shows how black text looks on a background with the Hex color 69C27E.

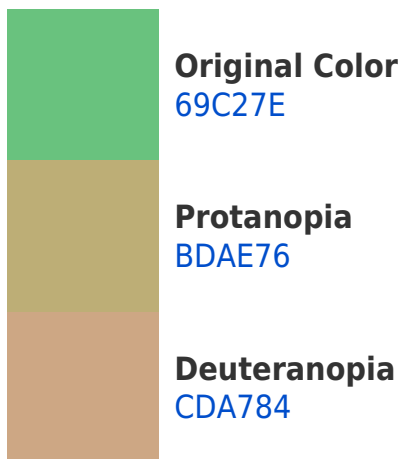


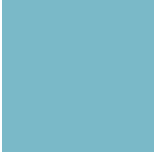
This preview shows how white text looks on a background with the Hex color 69C27E.

# 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](#).

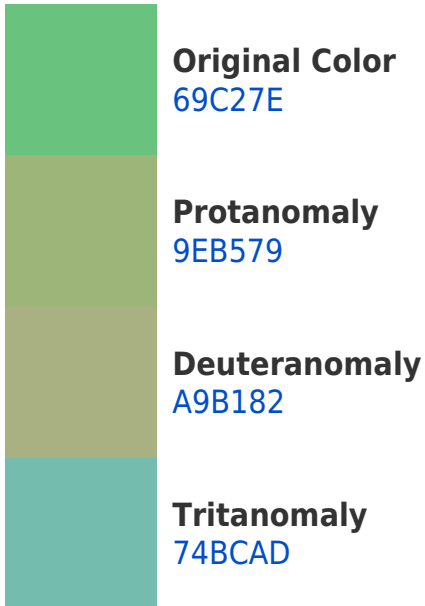
## Dichromacy



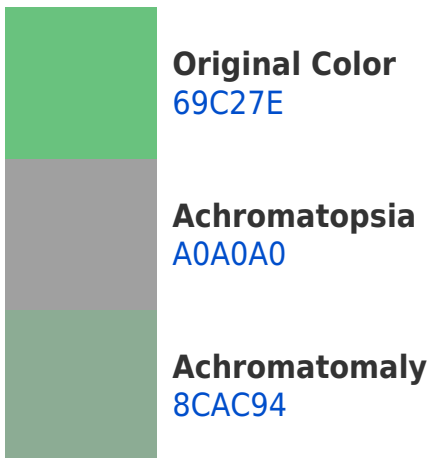


**Tritanopia**  
7AB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69C27E 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 #69C27E looks like.

```
.text, #text, p{  
    color:#69C27E  
}
```

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 #69C27E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C27E
}
```

## Border

The CSS property to change the border of an element to Hex 69C27E 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
#69C27E }
```

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

```
.border{ border-color:#69C27E }
```

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

Here you see how a box with a 4 pixel #69C27E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C27E; -webkit-box-shadow:4px 4px  
4px 4px #69C27E; box-shadow:4px 4px 4px  
4px #69C27E }
```

# Background

The CSS property to change the background color of an element to Hex 69C27E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C27E }
```

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

```
.background{ background-color:#69C27E }
```

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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