

# Converting Colors

Hex(69E282)

Have a look what the booklet for  
Hex(69E282) contains.

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**Color**

**Hex(69E282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69E282
RGB	105, 226, 130
RGB Percent	41%, 89%, 51%
CMY	0.5882, 0.1137, 0.4902
CMYK	0.54, 0.00, 0.42, 0.11
HSL	132°, 68%, 65%
HSV	132°, 54%, 89%
XYZ	37.0513, 59.0077, 30.5559
YIQ	178.8770, -41.3000, -55.5080

# Conversions

## Conversions Part 2

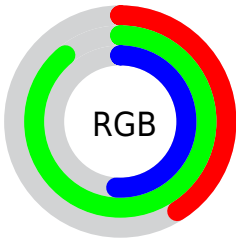
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 205, 226</a>
Decimal	<a href="#">6939266</a>
CIELab	<a href="#">81.30, -54.13, 36.81</a>
CIELCh	<a href="#">81, 65.458, 145.781</a>
Yxy	<a href="#">59.0077, 0.2926, 0.4660</a>
Android (android.graphics.Color)	<a href="#">4285129346 (0xFF69E282)</a>
YUV	<a href="#">178.8770, -24.0964, -64.7901</a>
Hunter-Lab	<a href="#">76.8165, -48.3319, 30.1873</a>

# Details

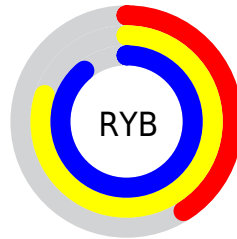
The Hex color **69E282** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E269C9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A4FFB8**, and **26AA4F** is the 20% darker color. If you saturate the color by 10%, you get **52E270**, and if you desaturate by 10%, it is **80E294**.

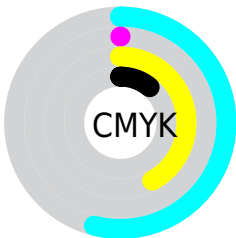
# Distribution



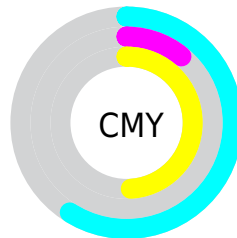
- Red (41%)
- Green (89%)
- Blue (51%)



- Red (41%)
- Yellow (80%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (59%)
- Magenta (11%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69E282 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 69E282 by changing the saturation by 10% instead.



 69E282

 69E282

FFFFFF

 4AC568

 A4FFB8

 26AA4F

 C1FFD4

 008E36

 DFFFF1

 00741E

FDFDFF

 005A02

 004100

 002B00

 000900

 000000

 69E282

 69E282

 52E270

 80E294

 3CE25E

 96E2A6

 25E24C

 ADE2B8

 0FE23A

 C3E2CA

 00E22F

 DAE2DC

 F1E2EE

 FFE2FF

# Harmonies

## Analogous

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



B8D655



69E282



00E8BF

# Triad

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



69E282



00D3FF



FF9898

# Complementary

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



69E282



E269C9

# 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.



FF94D5



69E282



BEBDFE

# Square

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



69E282



00E1FF



FFA4FF



FFAD65

# Rectangle

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



69E282



00E8E9



FFA4FF



FF95AC

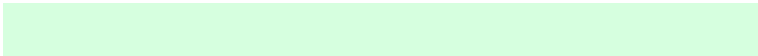


# Sweetspot

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



69E282



D6FFDF



CAE269



67806C



000000



808080



# Same Dimension

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



69E282



5CFF7E



69E2BE



657067



00B024



00300A



# Inverse Universe

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



E269C9



FF5CDD



E2698D



70656E



B0008C

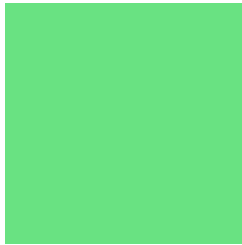


300026



# Previews

## White Background



This preview shows how the Hex color 69E282 looks on a white background.

## Color Contrast Check

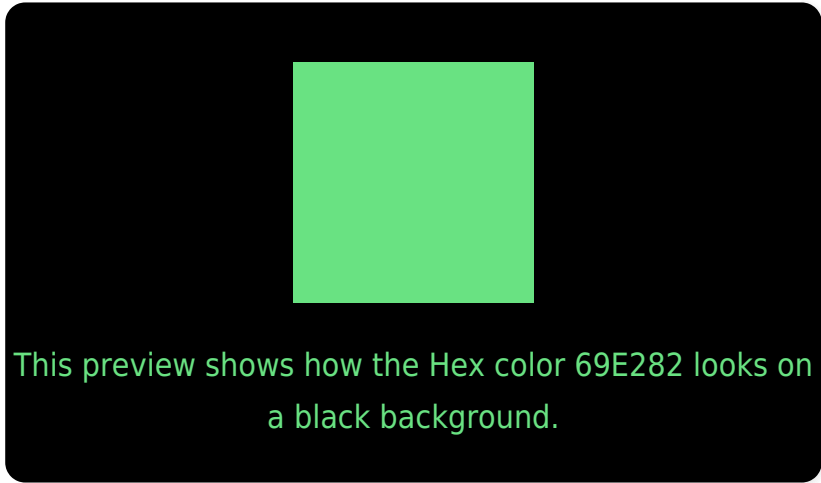
Large Text (above 18pt) WCAG AA × Fail

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

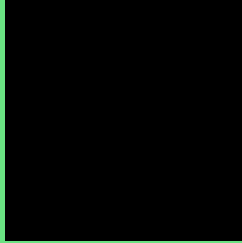
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69E282 Background



This preview shows how black text looks on a background with the Hex color 69E282.

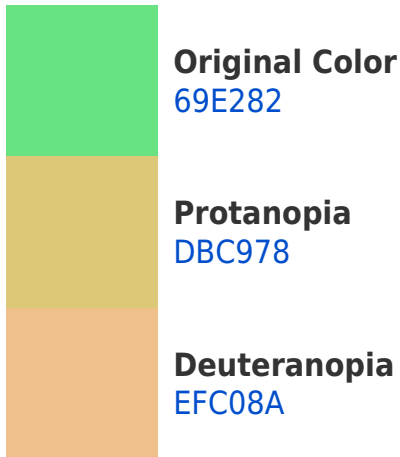


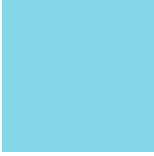
This preview shows how white text looks on a background with the Hex color 69E282.

# 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**  
82D6E7

# Trichromacy



**Original Color**  
69E282



**Protanomaly**  
B2D27C



**Deuteranomaly**  
BECC87



**Tritanomaly**  
79DAC2

# Monochromacy



**Original Color**  
69E282



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
98C4A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69E282 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 #69E282 looks like.

```
.text, #text, p{  
    color:#69E282  
}
```

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 #69E282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69E282
}
```

## Border

The CSS property to change the border of an element to Hex 69E282 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
#69E282 }
```

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

```
.border{ border-color:#69E282 }
```

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

Here you see how a box with a 4 pixel #69E282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69E282; -webkit-box-shadow:4px 4px  
4px 4px #69E282; box-shadow:4px 4px 4px  
4px #69E282 }
```

# Background

The CSS property to change the background color of an element to Hex 69E282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69E282 }
```

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

```
.background{ background-color:#69E282 }
```

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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