

# Converting Colors

Hex(64EA97)

Have a look what the booklet for  
Hex(64EA97) contains.

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# **Color**

**Hex(64EA97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64EA97
RGB	100, 234, 151
RGB Percent	39%, 92%, 59%
CMY	0.6078, 0.0824, 0.4078
CMYK	0.57, 0.00, 0.35, 0.08
HSL	143°, 76%, 65%
HSV	143°, 57%, 92%
XYZ	40.2643, 63.7893, 39.4686
YIQ	184.4720, -53.2210, -54.2210

# Conversions

## Conversions Part 2

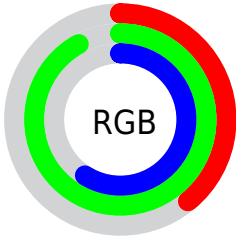
Format	Color
<a href="#">RYB</a>	<a href="#">100, 197, 234</a>
Decimal	<a href="#">6613655</a>
CIELab	<a href="#">83.86, -54.90, 29.56</a>
CIELCh	<a href="#">84, 62.350, 151.696</a>
Yxy	<a href="#">63.7893, 0.2805, 0.4445</a>
Android (android.graphics.Color)	<a href="#">4284803735 (0xFF64EA97)</a>
YUV	<a href="#">184.4720, -16.5017, -74.0819</a>
Hunter-Lab	<a href="#">79.8682, -49.7815, 26.6083</a>

# Details

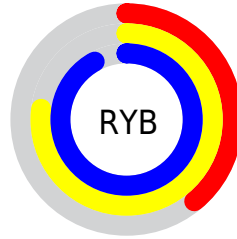
The Hex color **64EA97** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EA64B7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A0FFCE**, and **18B163** is the 20% darker color. If you saturate the color by 10%, you get **4DEA89**, and if you desaturate by 10%, it is **7BEAA5**.

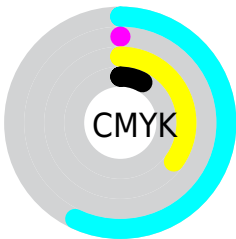
# Distribution



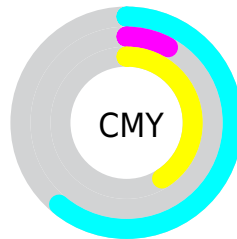
- Red (39%)
- Green (92%)
- Blue (59%)



- Red (39%)
- Yellow (77%)
- Blue (92%)



- Cyan (57%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)



- Cyan (61%)
- Magenta (8%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64EA97 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 64EA97 by changing the saturation by 10% instead.



 64EA97

FFFFFF

 A0FFCE

 BEFFEA

 DCFFFF

 FAFFFF

 64EA97

 43CD7D

 18B163

 00964B

 007B33

 00611C

 004803

 003100

 001600

 000000

 64EA97

 64EA97

 4DEA89

 7BEAA5

 35EA7A

 93EAB4

 1EEA6C

 AAEAC2

 06EA5D

 C2EAD1

 00EA59

 D9EADF

 F0EAEE

 FFEAFC

 FFEAFF

# Harmonies

## Analogous

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



B4E068



64EA97



00EED3

# Triad

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



64EA97



67D6FF



FFA697

# Complementary

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



64EA97



EA64B7

# 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.



FF9ED0



64EA97



D9C0FF

# Square

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



64EA97



00E6FF



FFAAFF



FFBA6A

# Rectangle

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



64EA97



00EEFB



FFAAFF



FFA1A9

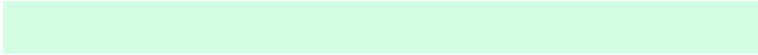


# Sweetspot

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



64EA97



D4FFE4



B9EA64



668070



000000



808080



# Same Dimension

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



64EA97



4FFF92



64EAD8



6A756E



00B545



003614



# Inverse Universe

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



EA64B7



FF4FBC



EA6476



756A71



B50070

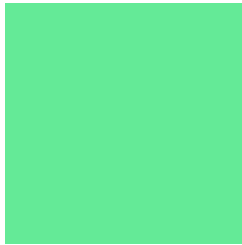


360021



# Previews

## White Background



This preview shows how the Hex color 64EA97 looks on a white background.

## Color Contrast Check

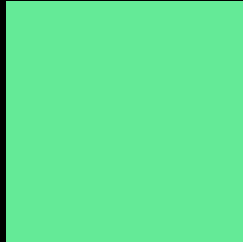
Large Text (above 18pt) WCAG AA × Fail

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 64EA97 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

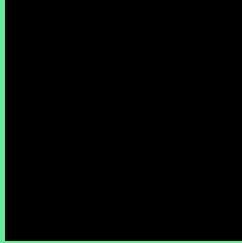
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 64EA97 Background



This preview shows how black text looks on a background with the Hex color 64EA97.

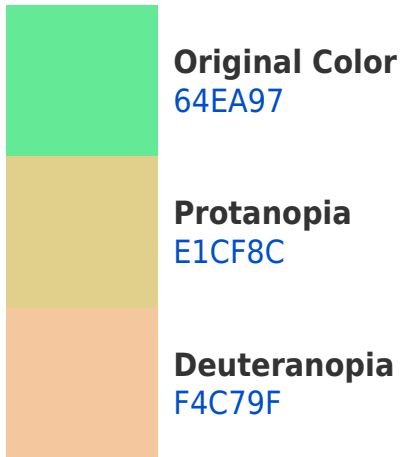


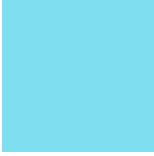
This preview shows how white text looks on a background with the Hex color 64EA97.

# 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](#).

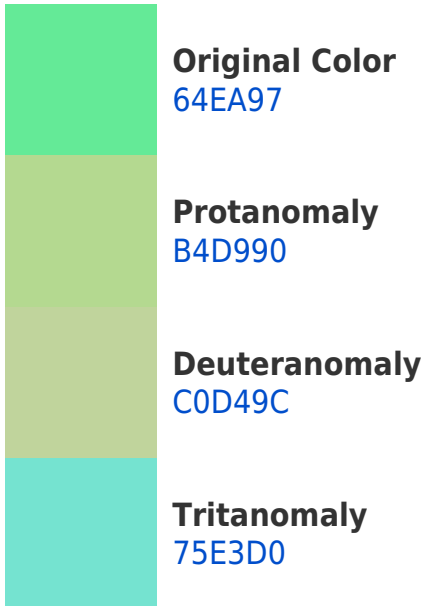
## Dichromacy



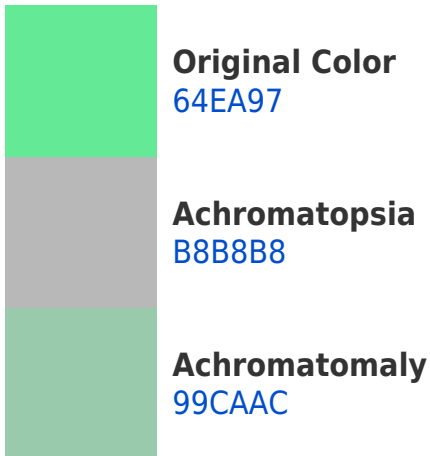


**Tritanopia**  
7EDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64EA97 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 #64EA97 looks like.

```
.text, #text, p{  
    color:#64EA97  
}
```

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 #64EA97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64EA97
}
```

## Border

The CSS property to change the border of an element to Hex 64EA97 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
#64EA97 }
```

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

```
.border{ border-color:#64EA97 }
```

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

Here you see how a box with a 4 pixel #64EA97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64EA97; -webkit-box-shadow:4px 4px  
4px 4px #64EA97; box-shadow:4px 4px 4px  
4px #64EA97 }
```

# Background

The CSS property to change the background color of an element to Hex 64EA97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64EA97 }
```

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

```
.background{ background-color:#64EA97 }
```

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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