

Converting Colors

Hex(64EAA7)

Have a look what the booklet for
Hex(64EAA7) contains.

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Color

Hex(64EAA7)

Conversions

Conversions Part 1

Format	Color
Hex	64EAA7
RGB	100, 234, 167
RGB Percent	39%, 92%, 65%
CMY	0.6078, 0.0824, 0.3451
CMYK	0.57, 0.00, 0.29, 0.08
HSL	150°, 76%, 65%
HSV	150°, 57%, 92%
XYZ	41.6534, 64.3450, 46.7837
YIQ	186.2960, -58.3570, -49.2450

Conversions

Conversions Part 2

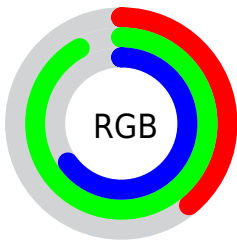
Format	Color
RYB	100, 189, 234
Decimal	6613671
CIELab	84.15, -51.87, 21.75
CIELCh	84, 56.246, 157.256
Yxy	64.3450, 0.2726, 0.4212
Android (android.graphics.Color)	4284803751 (0xFF64EAA7)
YUV	186.2960, -9.5129, -75.6816
Hunter-Lab	80.2153, -47.6871, 21.5712

Details

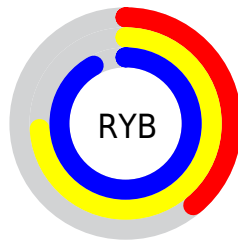
The Hex color **64EAA7** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA64A7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A0FFDE**, and **18B173** is the 20% darker color. If you saturate the color by 10%, you get **4DEA9B**, and if you desaturate by 10%, it is **7BEAB3**.

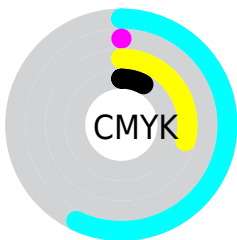
Distribution



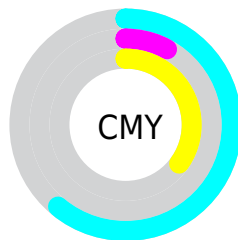
- Red (39%)
- Green (92%)
- Blue (65%)



- Red (39%)
- Yellow (74%)
- Blue (92%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)



- Cyan (61%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64EAA7 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 64EAA7 by changing the saturation by 10% instead.

 64EAA7

 64EAA7

FFFFFF

 43CD8C

 A0FFDE

 18B173

 BEFFFB

 00965A

 DCFFFF

 007B42

 FAFFFF

 00612B

 004815

 003100

 001700

 000000

 64EAA7

 64EAA7

 4DEA9B

 7BEAB3

 35EA90

 93EABE

 1EEA84

 AAEACA

 06EA78

 C2EAD6

 00EA75

 D9EAE2

 F0EAED

 FFEAF9

 FFEAFF

Harmonies

Analogous

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



ADE17A



64EAA7



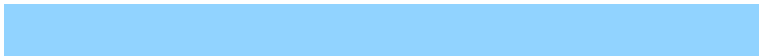
00EDDE

Triad

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



64EAA7



91D3FF



FFAE94

Complementary

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



64EAA7



EA64A7

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.



FFA6C7



64EAA7



E7BFFF

Square

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



64EAA7



00E2FF



FFADFC



FFC170

Rectangle

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



64EAA7



00ECFF



FFADFC



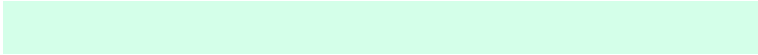
FFAAA4

Sweetspot

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



64EAA7



D4FFE9



A7EA64



668073



000000



808080

Same Dimension

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



64EAA7



4FFFA7



64EAEA



6A756F



00B55B



00361B

Inverse Universe

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



EA64A7



FF4FA7



EA6464



756A6F



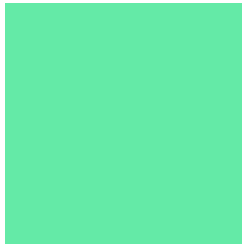
B5005B



36001B

Previews

White Background



This preview shows how the Hex color 64EAA7 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 64EAA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

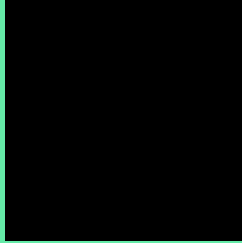
Any Text WCAG AA ✓ Pass

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 64EAA7 Background



This preview shows how black text looks on a background with the Hex color 64EAA7.

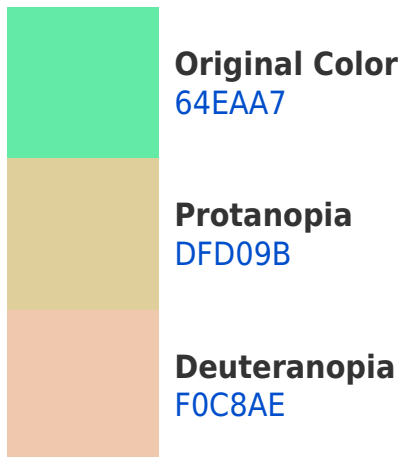


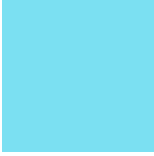
This preview shows how white text looks on a background with the Hex color 64EAA7.

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
7BE0F2

Trichromacy



Original Color
64EAA7



Protanomaly
B2D99F



Deuteranomaly
BDD4AB



Tritanomaly
73E4D7

Monochromacy



Original Color
64EAA7



Achromatopsia
BABABA



Achromatomaly
9BCBB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 64EAA7 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 #64EAA7 looks like.

```
.text, #text, p{  
    color:#64EAA7  
}
```

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 #64EAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64EAA7
}
```

Border

The CSS property to change the border of an element to Hex 64EAA7 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
#64EAA7 }
```

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

```
.border{ border-color:#64EAA7 }
```

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

Here you see how a box with a 4 pixel #64EAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64EAA7; -webkit-box-shadow:4px 4px  
4px 4px #64EAA7; box-shadow:4px 4px 4px  
4px #64EAA7 }
```

Background

The CSS property to change the background color of an element to Hex 64EAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64EAA7 }
```

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

```
.background{ background-color:#64EAA7 }
```

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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