

Converting Colors

Hex(64E2A7)

Have a look what the booklet for
Hex(64E2A7) contains.

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Color

Hex(64E2A7)

Conversions

Conversions Part 1

Format	Color
Hex	64E2A7
RGB	100, 226, 167
RGB Percent	39%, 89%, 65%
CMY	0.6078, 0.1137, 0.3451
CMYK	0.56, 0.00, 0.26, 0.11
HSL	152°, 68%, 64%
HSV	152°, 56%, 89%
XYZ	39.4269, 59.8921, 46.0415
YIQ	181.6000, -56.1570, -45.0610

Conversions

Conversions Part 2

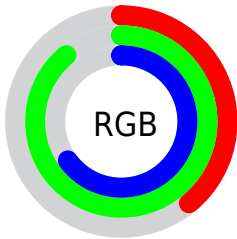
Format	Color
RYB	100, 182, 226
Decimal	6611623
CIELab	81.78, -48.57, 18.47
CIELCh	82, 51.960, 159.179
Yxy	59.8921, 0.2712, 0.4120
Android (android.graphics.Color)	4284801703 (0xFF64E2A7)
YUV	181.6000, -7.1978, -71.5632
Hunter-Lab	77.3900, -44.4942, 18.8996

Details

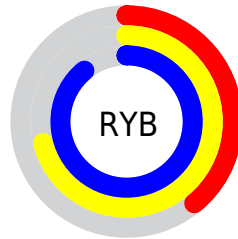
The Hex color **64E2A7** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E2649F**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9FFFDE**, and **1DAA73** is the 20% darker color. If you saturate the color by 10%, you get **4DE29C**, and if you desaturate by 10%, it is **7BE2B2**.

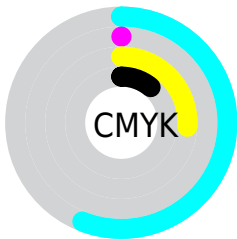
Distribution



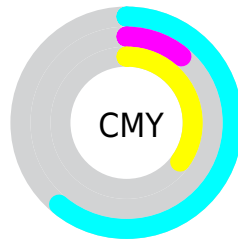
- Red (39%)
- Green (89%)
- Blue (65%)



- Red (39%)
- Yellow (71%)
- Blue (89%)



- Cyan (56%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (61%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64E2A7 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 64E2A7 by changing the saturation by 10% instead.

 64E2A7

 64E2A7

FFFFFF

 44C68C

 9FFFDE

 1DAA73

 BDFFFB

 008F5A

 DBFFFF

 007442

 F9FFFF

 005B2C

 004216

 002C00

 000C00

 000000

 64E2A7

 64E2A7

 4DE29C

 7BE2B2

 37E292

 91E2BC

 20E287

 A8E2C7

 0AE27D

 BEE2D1

 00E278

 D5E2DC

 ECE2E6

 FFE2F1

 FFE2FC

 FFE2FF

Harmonies

Analogous

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



A6DA7D



64E2A7



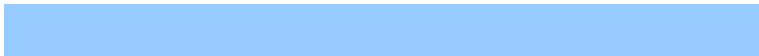
00E5D9

Triad

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



64E2A7



98CBFF



FFAC90

Complementary

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



64E2A7



E2649F

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.



FFA3BE



64E2A7



E3B9FF

Square

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



64E2A7



00DAFF



FFA9EF



FFBD70

Rectangle

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



64E2A7



00E4F9



FFA9EF



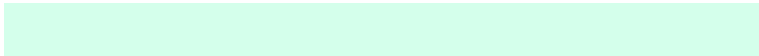
FFA89E

Sweetspot

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



64E2A7



D4FFEB



A1E264



668074



000000



808080

Same Dimension

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



64E2A7



54FFAF



64E0E2



65706B



00B05E



00301A

Inverse Universe

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



E2649F



FF54A4



E26664



70656A



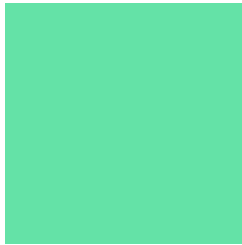
B00052



300017

Previews

White Background



This preview shows how the Hex color 64E2A7 looks on a white background.

Color Contrast Check

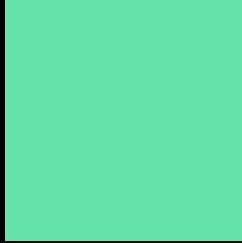
Large Text (above 18pt) WCAG AA × Fail

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 64E2A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

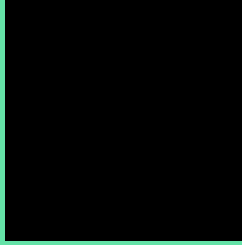
Any Text WCAG AA ✓ Pass

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 64E2A7 Background



This preview shows how black text looks on a background with the Hex color 64E2A7.

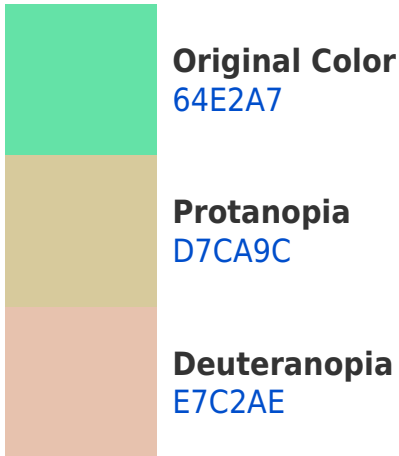


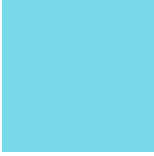
This preview shows how white text looks on a background with the Hex color 64E2A7.

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
78D9EB

Trichromacy



Original Color
64E2A7



Protanomaly
ADD3A0



Deuteranomaly
B7CEAB



Tritanomaly
71DCD2

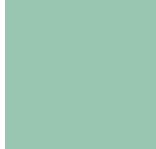
Monochromacy



Original Color
64E2A7



Achromatopsia
B6B6B6



Achromatomaly
98C6B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 64E2A7 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 #64E2A7 looks like.

```
.text, #text, p{  
    color:#64E2A7  
}
```

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 #64E2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E2A7  
}
```

Border

The CSS property to change the border of an element to Hex 64E2A7 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  
#64E2A7 }
```

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

```
.border{ border-color:#64E2A7 }
```

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

Here you see how a box with a 4 pixel #64E2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E2A7; -webkit-box-shadow:4px 4px  
4px 4px #64E2A7; box-shadow:4px 4px 4px  
4px #64E2A7 }
```

Background

The CSS property to change the background color of an element to Hex 64E2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E2A7 }
```

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

```
.background{ background-color:#64E2A7 }
```

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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