

Converting Colors

Hex(7CE6A2)

Have a look what the booklet for
Hex(7CE6A2) contains.

Hex(7CE6A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7CE6A2)

Conversions

Conversions Part 1

Format	Color
Hex	7CE6A2
RGB	124, 230, 162
RGB Percent	49%, 90%, 64%
CMY	0.5137, 0.0980, 0.3647
CMYK	0.46, 0.00, 0.30, 0.10
HSL	142°, 68%, 69%
HSV	142°, 46%, 90%
XYZ	43.1306, 63.4873, 44.1635
YIQ	190.5540, -41.3480, -43.6200

Conversions

Conversions Part 2

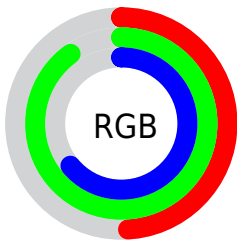
Format	Color
RYB	124, 202, 230
Decimal	8185506
CIELab	83.70, -45.51, 23.85
CIELCh	84, 51.378, 152.345
Yxy	63.4873, 0.2860, 0.4211
Android (android.graphics.Color)	4286375586 (0xFF7CE6A2)
YUV	190.5540, -14.0771, -58.3679
Hunter-Lab	79.6789, -42.8153, 22.9127

Details

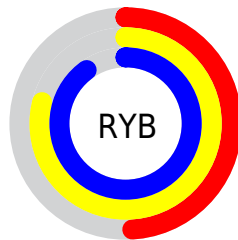
The Hex color **7CE6A2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E67CC0**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B5FFD9**, and **42AE6E** is the 20% darker color. If you saturate the color by 10%, you get **65E693**, and if you desaturate by 10%, it is **93E6B1**.

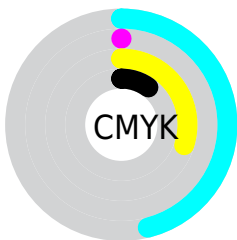
Distribution



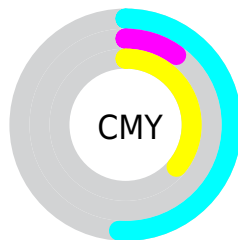
- Red (49%)
- Green (90%)
- Blue (64%)



- Red (49%)
- Yellow (79%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CE6A2 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 7CE6A2 by changing the saturation by 10% instead.

 7CE6A2

 7CE6A2

FFFFFF

 5FCA88

 B5FFD9

 42AE6E

 D2FFF6

 209355

 F0FFFF

 00783D

 005F27

 004611

 002F00

 001500

 000000

 7CE6A2

 7CE6A2

 65E693

 93E6B1

 4EE684

 AAE6C0

 37E676

 C1E6CE

 20E667

 D8E6DD

 09E658

 EFE6EC

 00E652

 FFE6FB

 FFE6FF

Harmonies

Analogous

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



B9DD7C



7CE6A2



05EAD3

Triad

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



7CE6A2



8AD4FF



FFAF9F

Complementary

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



7CE6A2



E67CC0

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.



FFA9CF



7CE6A2



DAC3FF

Square

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



7CE6A2



00E1FF



FFB2FE



FFBE7C

Rectangle

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



7CE6A2



00EAF4



FFB2FE



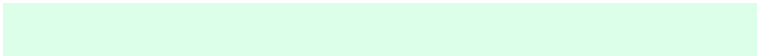
FFACAE

Sweetspot

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



7CE6A2



DBFFE8



C1E67C



6A8072



000000



808080

Same Dimension

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



7CE6A2



73FFA5



7CE6D6



67736B



00B340



003312

Inverse Universe

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



E67CC0



FF73CD



E67C8C



73676F



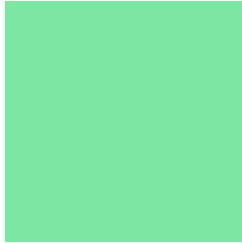
B30073



330021

Previews

White Background



This preview shows how the Hex color 7CE6A2 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 7CE6A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

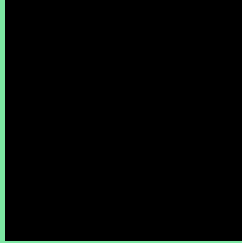
Any Text WCAG AA ✓ Pass

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 7CE6A2 Background



This preview shows how black text looks on a background with the Hex color 7CE6A2.

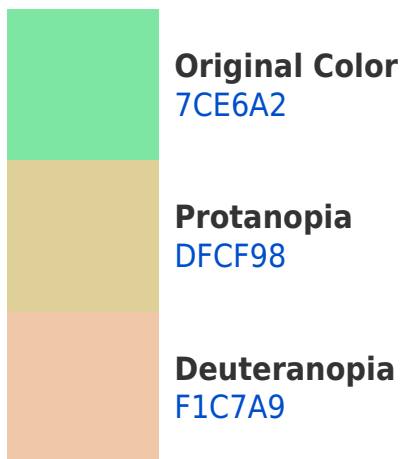


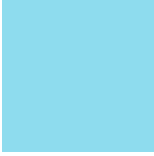
This preview shows how white text looks on a background with the Hex color 7CE6A2.

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
8EDCEE

Trichromacy



Original Color
7CE6A2



Protanomaly
BBD79C



Deuteranomaly
C6D2A6



Tritanomaly
87E0D2

Monochromacy



Original Color
7CE6A2



Achromatopsia
BFBFBF



Achromatomaly
A7CDB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CE6A2 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 #7CE6A2 looks like.

```
.text, #text, p{  
    color:#7CE6A2  
}
```

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 #7CE6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CE6A2
}
```

Border

The CSS property to change the border of an element to Hex 7CE6A2 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
#7CE6A2 }
```

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

```
.border{ border-color:#7CE6A2 }
```

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

Here you see how a box with a 4 pixel #7CE6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CE6A2; -webkit-box-shadow:4px 4px  
4px 4px #7CE6A2; box-shadow:4px 4px 4px  
4px #7CE6A2 }
```

Background

The CSS property to change the background color of an element to Hex 7CE6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CE6A2 }
```

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

```
.background{ background-color:#7CE6A2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor