

Converting Colors

Hex(7CAEA0)

Have a look what the booklet for
Hex(7CAEA0) contains.

| | |
|--|----|
| Hex(7CAEA0) | 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(7CAEA0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CAEA0 |
| RGB | 124, 174, 160 |
| RGB Percent | 49%, 68%, 63% |
| CMY | 0.5137, 0.3176, 0.3725 |
| CMYK | 0.29, 0.00, 0.08, 0.32 |
| HSL | 163°, 24%, 58% |
| HSV | 163°, 29%, 68% |
| XYZ | 29.7934, 37.0953, 38.8475 |
| YIQ | 157.4540, -25.3060, -14.9540 |

Conversions

Conversions Part 2

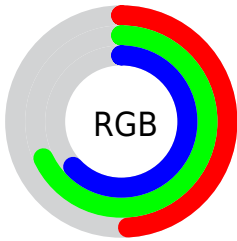
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 124, 153, 174 |
| Decimal | 8171168 |
| CIELab | 67.35, -19.61, 1.85 |
| CIElCh | 67, 19.699, 174.601 |
| Yxy | 37.0953, 0.2818, 0.3508 |
| Android (android.graphics.Color) | 4286361248 (0xFF7CAEA0) |
| YUV | 157.4540, 1.2552, -29.3392 |
| Hunter-Lab | 60.9059, -19.2682, 4.8172 |

Details

The Hex color **7CAEA0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE7C8A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B2E6D7**, and **49796D** is the 20% darker color. If you saturate the color by 10%, you get **6BAE9B**, and if you desaturate by 10%, it is **8DAEA5**.

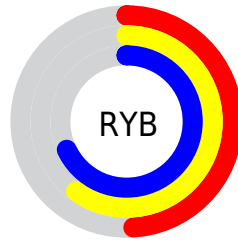
Distribution



Red (49%)

Green (68%)

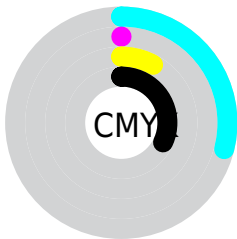
Blue (63%)



Red (49%)

Yellow (60%)

Blue (68%)

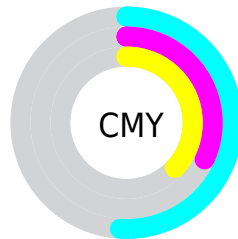


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAEA0 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 7CAEA0 by changing the saturation by 10% instead.

7CAEA0

7CAEA0

FFFFFF

629386

B2E6D7

49796D

CEFFF3

306054

EAFFFF

17483D

003227

001E13

000000

7CAEA0

7CAEA0

6BAE9B

8DAEA5

■ 59AE96

■ 9FAEAA

■ 48AE91

■ B0AEAF

■ 36AE8D

■ C2AEB3

■ 25AE88

■ D3AEB8

■ 14AE83

■ E4AEBD

■ 02AE7E

■ F6AEC2

■ 00AE7D

■ FFAEC7

■ FFAECC

Harmonies

Analogous

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



8EAC8F



7CAEA0



73AEB2

Triad

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



7CAEA0



A3A1C4



C39C88

Complementary

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



7CAEA0



AE7C8A

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.



C99896



7CAEA0



B89BB9

Square

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



7CAEA0



8BA7C7



C598A8



B5A281

Rectangle

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



7CAEA0



75ACBC



C598A8



C69A8C

Sweetspot

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



7CAEA0



CFE3DD



8AAE7C



66736F



F2F2F2



737373

Same Dimension

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



7CAEA0



96E3CD



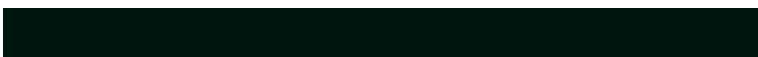
7CA3AE



4E5754



00966C



001711

Inverse Universe

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



AE7C8A



E396AB



AE877C



574E50



96002A



170006

Previews

White Background



This preview shows how the Hex color 7CAEA0 looks on a white background.

Color Contrast Check

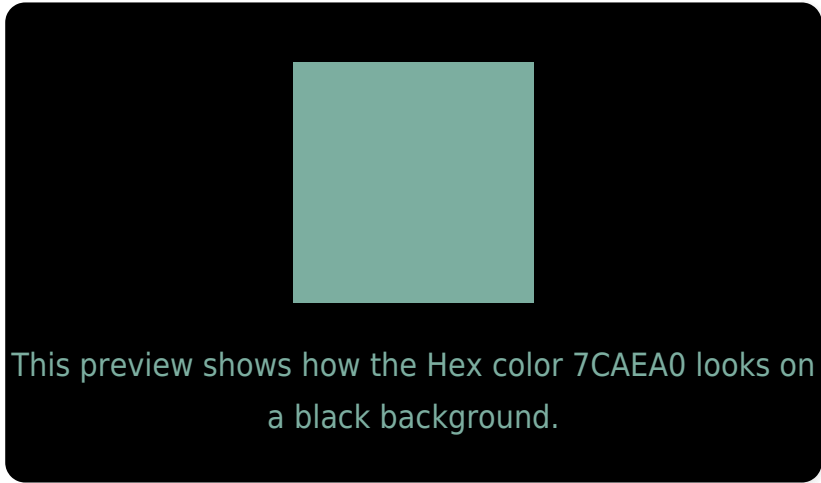
Large Text (above 18pt) WCAG AA × Fail

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

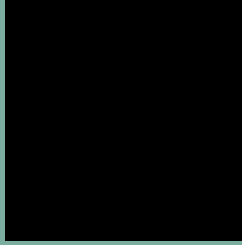
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

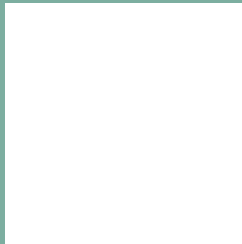
Any Text WCAG AAA ✓ Pass

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

Hex 7CAEA0 Background



This preview shows how black text looks on a background with the Hex color 7CAEA0.

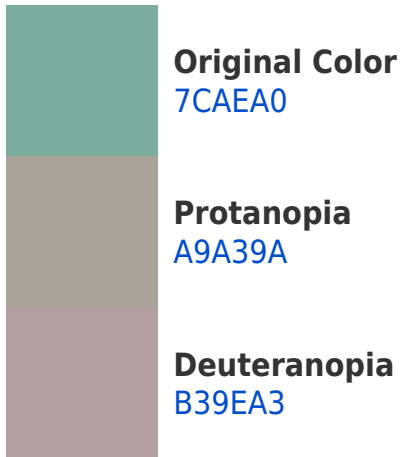


This preview shows how white text looks on a background with the Hex color 7CAEA0.

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
81AAB8

Trichromacy



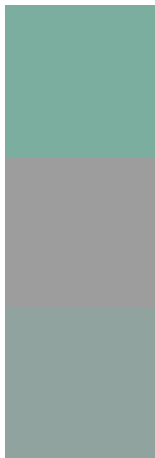
Original Color
7CAEA0

Protanomaly
99A79C

Deuteranomaly
9FA4A2

Tritanomaly
7FABAF

Monochromacy



Original Color
7CAEA0

Achromatopsia
9D9D9D

Achromatomaly
91A39E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAEA0 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 #7CAEA0 looks like.

```
.text, #text, p{  
    color:#7CAEA0  
}
```

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 #7CAEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAEA0  
}
```

Border

The CSS property to change the border of an element to Hex 7CAEA0 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  
#7CAEA0 }
```

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

```
.border{ border-color:#7CAEA0 }
```

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

Here you see how a box with a 4 pixel #7CAEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAEA0; -webkit-box-shadow:4px 4px  
4px 4px #7CAEA0; box-shadow:4px 4px 4px  
4px #7CAEA0 }
```

Background

The CSS property to change the background color of an element to Hex 7CAEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAEA0 }
```

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

```
.background{ background-color:#7CAEA0 }
```

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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