

Converting Colors

Hex(62ECAA)

Have a look what the booklet for
Hex(62ECAA) contains.

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Color

Hex(62ECAA)

Conversions

Conversions Part 1

Format	Color
Hex	62ECAA
RGB	98, 236, 170
RGB Percent	38%, 93%, 67%
CMY	0.6157, 0.0745, 0.3333
CMYK	0.58, 0.00, 0.28, 0.07
HSL	151°, 78%, 65%
HSV	151°, 58%, 93%
XYZ	42.2882, 65.4899, 48.4422
YIQ	187.2140, -61.0620, -49.7820

Conversions

Conversions Part 2

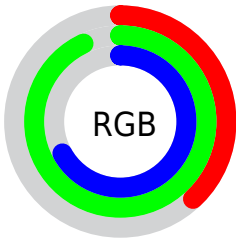
Format	Color
RYB	98, 189, 236
Decimal	6483114
CIELab	84.74, -52.50, 21.00
CIElCh	85, 56.543, 158.197
Yxy	65.4899, 0.2707, 0.4192
Android (android.graphics.Color)	4284673194 (0xFF62ECAA)
YUV	187.2140, -8.4865, -78.2407
Hunter-Lab	80.9258, -48.3441, 21.1571

Details

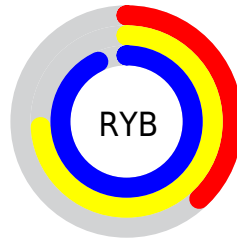
The Hex color **62ECAA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EC62A4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9FFFE1**, and **11B376** is the 20% darker color. If you saturate the color by 10%, you get **4AEC9F**, and if you desaturate by 10%, it is **7AECB5**.

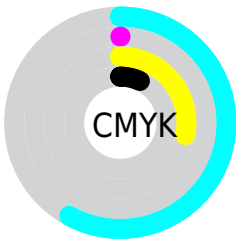
Distribution



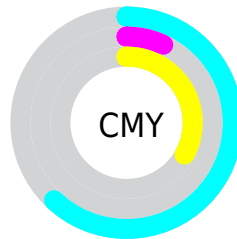
- Red (38%)
- Green (93%)
- Blue (67%)



- Red (38%)
- Yellow (74%)
- Blue (93%)



- Cyan (58%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)



- Cyan (62%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62ECAA 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 62ECAA by changing the saturation by 10% instead.

 62ECAA

 62ECAA

FFFFFF

 41CF8F

 9FFFE1

 11B376

 BDFFFE

 00985D

 DBFFFF

 007D45

 F9FFFF

 00632E

 004A18

 003200

 001900

 000000

 62ECAA

 62ECAA

 4AEC9F

 7AECB5

 33EC93

 91ECC1

 1BEC88

 A9ECCC

 04EC7D

 C0ECD7

 00EC7B

 D8ECE2

 F0ECEE

 FFECF9

 FFECFF

Harmonies

Analogous

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



ACE37D



62ECAA



00EFE1

Triad

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



62ECAA



96D4FF



FFB094

Complementary

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



62ECAA



EC62A4

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.



FFA7C7



62ECAA



EBC0FF

Square

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



62ECAA



00E4FF



FFAEFC



FFC370

Rectangle

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



62ECAA



00EEFF



FFAEFC



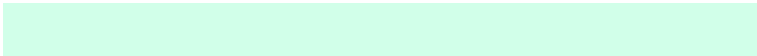
FFACA4

Sweetspot

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



62ECAA



D1FFE9



A5EC62



638072



000000



808080

Same Dimension

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



62ECAA



4DFFAA



62EAEC



6A7570



00B55E



00361C

Inverse Universe

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



EC62A4



FF4DA2



EC6462



756A6F



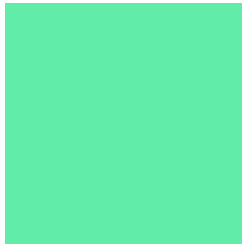
B50057



36001A

Previews

White Background



This preview shows how the Hex color 62ECAA 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 62ECAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

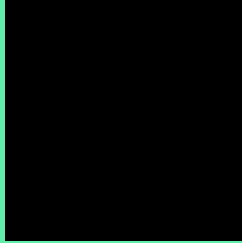
Any Text WCAG AA ✓ Pass

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 62ECAA Background



This preview shows how black text looks on a background with the Hex color 62ECAA.

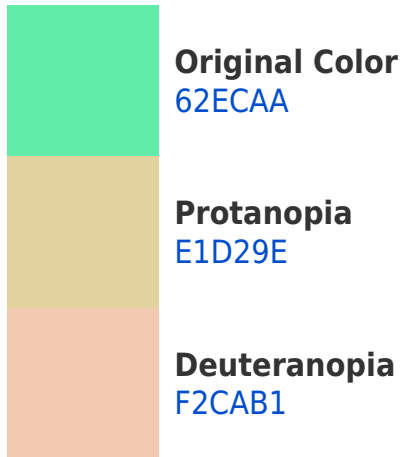


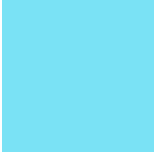
This preview shows how white text looks on a background with the Hex color 62ECAA.

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
7AE2F5

Trichromacy



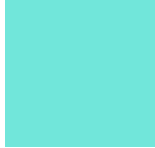
Original Color
62ECAA



Protanomaly
B3DBA2



Deuteranomaly
BED6AE



Tritanomaly
71E6DA

Monochromacy



Original Color
62ECAA



Achromatopsia
BBBBBB



Achromatomaly
9BCDB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 62ECAA 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 #62ECAA looks like.

```
.text, #text, p{  
    color:#62ECAA  
}
```

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 #62ECAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62ECAA
}
```

Border

The CSS property to change the border of an element to Hex 62ECAA 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
#62ECAA }
```

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

```
.border{ border-color:#62ECAA }
```

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

Here you see how a box with a 4 pixel #62ECAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62ECAA; -webkit-box-shadow:4px 4px  
4px 4px #62ECAA; box-shadow:4px 4px 4px  
4px #62ECAA }
```

Background

The CSS property to change the background color of an element to Hex 62ECAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62ECAA }
```

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

```
.background{ background-color:#62ECAA }
```

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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