

Converting Colors

Hex(6EACA3)

Have a look what the booklet for
Hex(6EACA3) contains.

Hex(6EACA3)	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(6EACA3)

Conversions

Conversions Part 1

Format	Color
Hex	6EACA3
RGB	110, 172, 163
RGB Percent	43%, 67%, 64%
CMY	0.5686, 0.3255, 0.3608
CMYK	0.36, 0.00, 0.05, 0.33
HSL	171°, 27%, 55%
HSV	171°, 36%, 67%
XYZ	27.7938, 35.4644, 40.0308
YIQ	152.4360, -34.0630, -15.9430

Conversions

Conversions Part 2

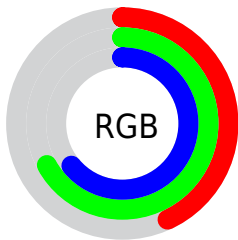
Format	Color
RYB	110, 143, 172
Decimal	7253155
CIELab	66.11, -22.04, -1.71
CIELCh	66, 22.109, 184.435
Yxy	35.4644, 0.2691, 0.3434
Android (android.graphics.Color)	4285443235 (0xFF6EACA3)
YUV	152.4360, 5.2081, -37.2164
Hunter-Lab	59.5520, -20.9074, 1.8317

Details

The Hex color **6EACA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC6E77**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A4E4DA**, and **3A776F** is the 20% darker color. If you saturate the color by 10%, you get **5DACA1**, and if you desaturate by 10%, it is **7FACA5**.

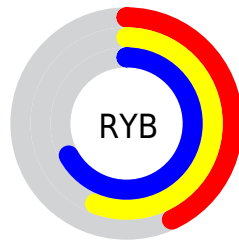
Distribution



Red (43%)

Green (67%)

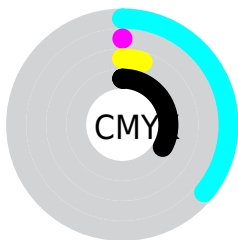
Blue (64%)



Red (43%)

Yellow (56%)

Blue (67%)

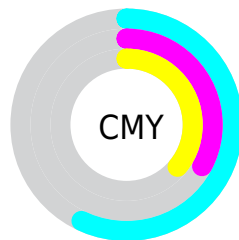


Cyan (36%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EACA3 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 6EACA3 by changing the saturation by 10% instead.



6EACA3



6EACA3

FFFFFF



549189



A4E4DA



3A776F



C0FFF6



1F5E57



DCFFFF



004740



F9FFFF



00302A



001D15



000000



6EACA3



6EACA3



5DACA1



7FACA5

■ 4CAC9E

■ 90ACA8

■ 3AAC9C

■ A2ACAA

■ 29AC99

■ B3ACAD

■ 18AC97

■ C4ACAF

■ 07AC94

■ D5ACB2

■ 00AC93

■ E6ACB4

■ F8ACB7

■ FFACB9

Harmonies

Analogous

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



80AA8F



6EACA3



68ABB6

Triad

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



6EACA3



A89BC1



BE9A7D

Complementary

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



6EACA3



AC6E77

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.



C8948B



6EACA3



BD95B2

Square

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



6EACA3



8DA1C8



C8929E



ADA079

Rectangle

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



6EACA3



6EA9C0



C8929E



C29881

Sweetspot

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



6EACA3



C8E0DD



77AC6E



62706E



F0F0F0



707070

Same Dimension

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



6EACA3



80E0D2



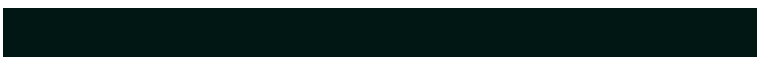
6E96AC



4E5755



009681



001714

Inverse Universe

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



AC6E77



E0808E



AC846E



574E4F



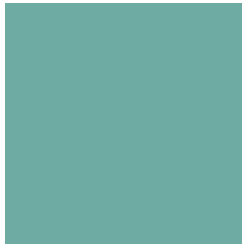
960016



170003

Previews

White Background



This preview shows how the Hex color 6EACA3 looks on a white background.

Color Contrast Check

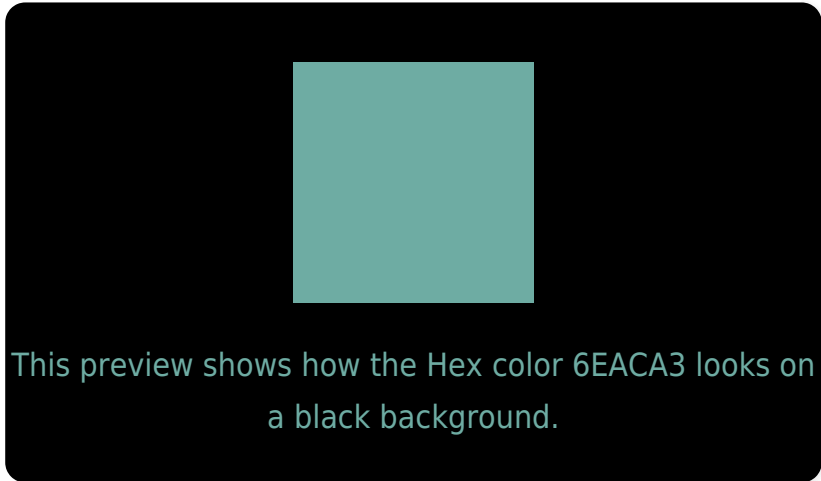
Large Text (above 18pt) WCAG AA × Fail

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

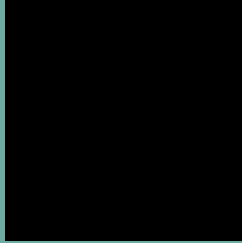
Any Text WCAG AA ✓ Pass

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 6EACA3 Background



This preview shows how black text looks on a background with the Hex color 6EACA3.

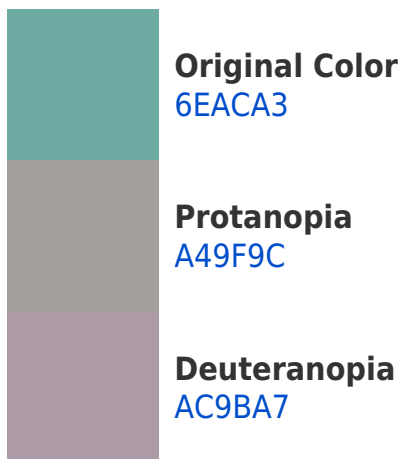


This preview shows how white text looks on a background with the Hex color 6EACA3.

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](#).

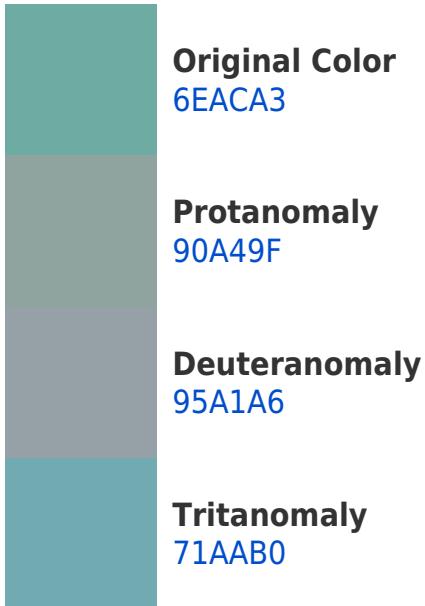
Dichromacy



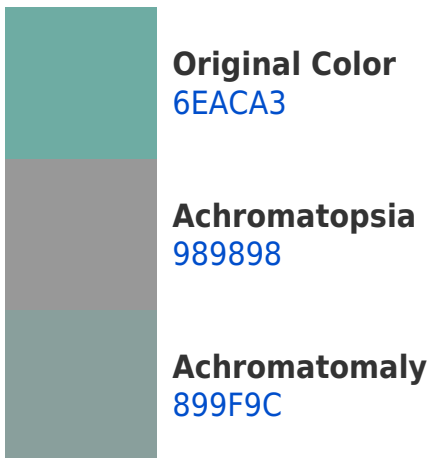


Tritanopia
73A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EACA3 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 #6EACA3 looks like.

```
.text, #text, p{  
    color:#6EACA3  
}
```

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 #6EACA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EACA3  
}
```

Border

The CSS property to change the border of an element to Hex 6EACA3 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  
#6EACA3 }
```

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

```
.border{ border-color:#6EACA3 }
```

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

Here you see how a box with a 4 pixel #6EACA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EACA3; -webkit-box-shadow:4px 4px  
4px 4px #6EACA3; box-shadow:4px 4px 4px  
4px #6EACA3 }
```

Background

The CSS property to change the background color of an element to Hex 6EACA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EACA3 }
```

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

```
.background{ background-color:#6EACA3 }
```

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