

Converting Colors

Hex(4EA8B2)

Have a look what the booklet for
Hex(4EA8B2) contains.

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Color

Hex(4EA8B2)

Conversions

Conversions Part 1

Format	Color
Hex	4EA8B2
RGB	78, 168, 178
RGB Percent	31%, 66%, 70%
CMY	0.6941, 0.3412, 0.3020
CMYK	0.56, 0.06, 0.00, 0.30
HSL	186°, 39%, 50%
HSV	186°, 56%, 70%
XYZ	25.1804, 32.8393, 47.1310
YIQ	142.2300, -56.8500, -15.9700

Conversions

Conversions Part 2

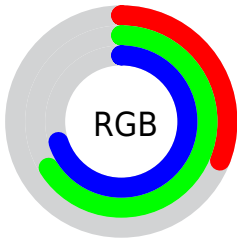
Format	Color
RYB	78, 125, 178
Decimal	5154994
CIELab	64.03, -23.83, -13.31
CIELCh	64, 27.295, 209.178
Yxy	32.8393, 0.2395, 0.3123
Android (android.graphics.Color)	4283345074 (0xFF4EA8B2)
YUV	142.2300, 17.6346, -56.3297
Hunter-Lab	57.3056, -21.8509, -8.6491

Details

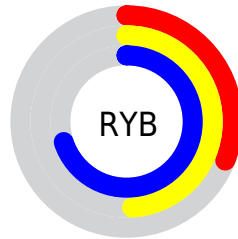
The Hex color **4EA8B2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B2584E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **88DFEA**, and **00747D** is the 20% darker color. If you saturate the color by 10%, you get **3CA6B2**, and if you desaturate by 10%, it is **60AAB2**.

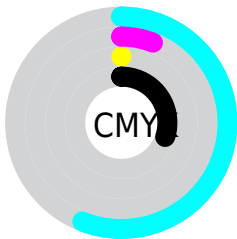
Distribution



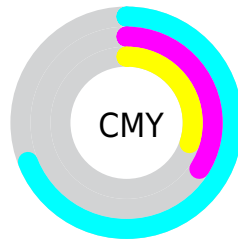
- Red (31%)
- Green (66%)
- Blue (70%)



- Red (31%)
- Yellow (49%)
- Blue (70%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA8B2 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 4EA8B2 by changing the saturation by 10% instead.



4EA8B2



4EA8B2

FFFFFF



2E8D97



88DFEA



00747D



A4FCFF



005B64



C1FFFF



00434D



DEFFFF



002C36



FCFFFF



001821



000007



000000



4EA8B2



4EA8B2

■ 3CA6B2

■ 60AAB2

■ 2AA4B2

■ 72ACB2

■ 19A3B2

■ 83ADB2

■ 07A1B2

■ 95AFB2

■ 00A0B2

■ A7B1B2

■ B9B3B2

■ CBB4B2

■ DCB6B2

■ EEB8B2

Harmonies

Analogous

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



5DA99A



4EA8B2



5AA4C4

Triad

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



4EA8B2



BA8DB4



AD996A

Complementary

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



4EA8B2



B2584E

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.



C19172



4EA8B2



C9899D

Square

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



4EA8B2



9E95C6



CB8B85



93A170

Rectangle

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



4EA8B2



6FA0CA



CB8B85



B4976C

Sweetspot

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



4EA8B2



C1E4E8



4EB258



5E7375



F5F5F5



757575

Same Dimension

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



4EA8B2



4DD9E8



4E76B2



505859



008A99



00171A

Inverse Universe

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



B24EA8



E84DD9



B28A4E



595058



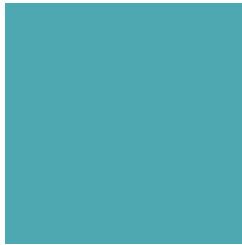
99008A



1A0017

Previews

White Background



This preview shows how the Hex color 4EA8B2 looks on a white background.

Color Contrast Check

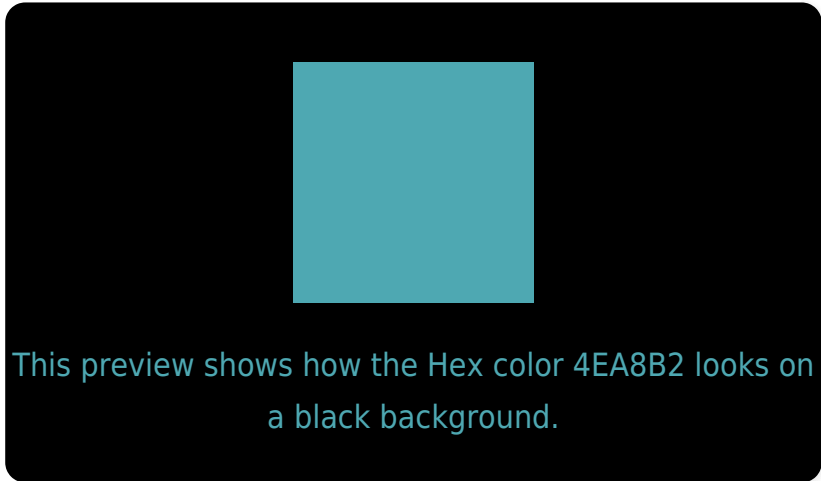
Large Text (above 18pt) WCAG AA × Fail

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

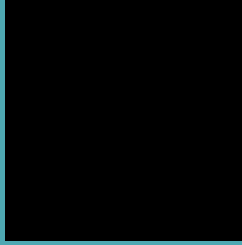
Any Text WCAG AA ✓ Pass

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 4EA8B2 Background



This preview shows how black text looks on a background with the Hex color 4EA8B2.

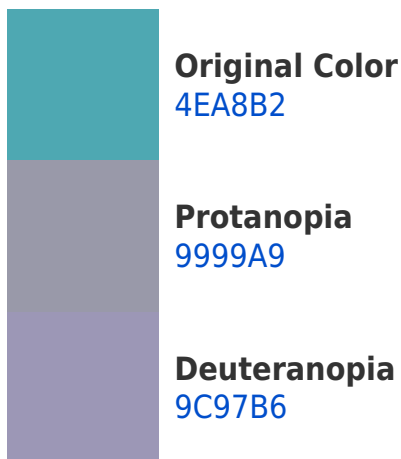


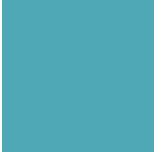
This preview shows how white text looks on a background with the Hex color 4EA8B2.

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](#).

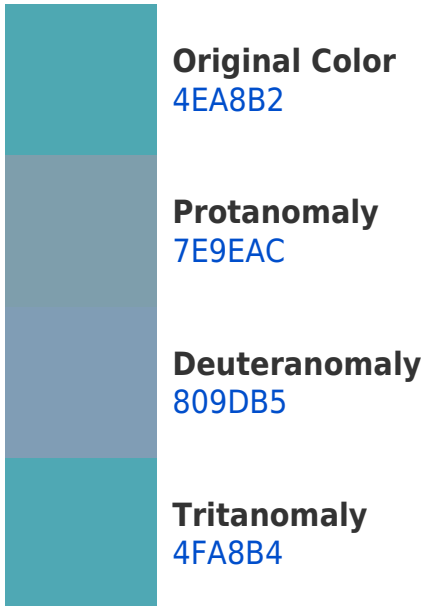
Dichromacy





Tritanopia
4FA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA8B2 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 #4EA8B2 looks like.

```
.text, #text, p{  
    color:#4EA8B2  
}
```

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 #4EA8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA8B2
}
```

Border

The CSS property to change the border of an element to Hex 4EA8B2 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
#4EA8B2 }
```

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

```
.border{ border-color:#4EA8B2 }
```

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

Here you see how a box with a 4 pixel #4EA8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA8B2; -webkit-box-shadow:4px 4px  
4px 4px #4EA8B2; box-shadow:4px 4px 4px  
4px #4EA8B2 }
```

Background

The CSS property to change the background color of an element to Hex 4EA8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA8B2 }
```

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

```
.background{ background-color:#4EA8B2 }
```

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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