

Converting Colors

Hex(62ABA6)

Have a look what the booklet for
Hex(62ABA6) contains.

Hex(62ABA6)	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(62ABA6)

Conversions

Conversions Part 1

Format	Color
Hex	62ABA6
RGB	98, 171, 166
RGB Percent	38%, 67%, 65%
CMY	0.6157, 0.3294, 0.3490
CMYK	0.43, 0.00, 0.03, 0.33
HSL	176°, 30%, 53%
HSV	176°, 43%, 67%
XYZ	26.4828, 34.4757, 41.3351
YIQ	148.6030, -41.9030, -17.0310

Conversions

Conversions Part 2

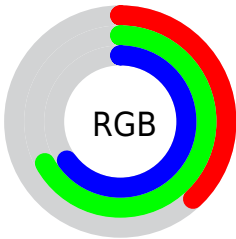
Format	Color
RYB	98, 136, 171
Decimal	6466470
CIELab	65.34, -24.02, -4.58
CIELCh	65, 24.457, 190.787
Yxy	34.4757, 0.2589, 0.3370
Android (android.graphics.Color)	4284656550 (0xFF62ABA6)
YUV	148.6030, 8.5767, -44.3788
Hunter-Lab	58.7160, -22.2436, -0.6380

Details

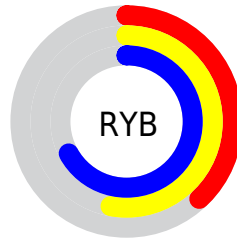
The Hex color **62ABA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB6267**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **99E3DD**, and **2B7672** is the 20% darker color. If you saturate the color by 10%, you get **51ABA5**, and if you desaturate by 10%, it is **73ABA7**.

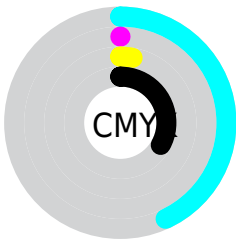
Distribution



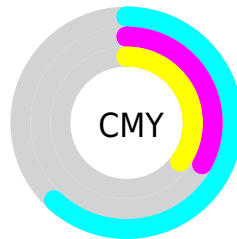
- Red (38%)
- Green (67%)
- Blue (65%)



- Red (38%)
- Yellow (53%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62ABA6 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 62ABA6 by changing the saturation by 10% instead.

62ABA6

62ABA6

FFFFFF

47908C

99E3DD

2B7672

B5FFFA

045D5A

D1FFFF

004542

EEFFFF

002F2C

001C18

000000

62ABA6

62ABA6

51ABA5

73ABA7

40ABA4

84ABA8

2FABA2

95ABAA

1EABA1

A6ABAB

0DABA0

B7ABAC

00AB9F

C9ABAD

DAABAE

EBABAF

FCABB1

Harmonies

Analogous

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



75AA90



62ABA6



5FA9BA

Triad

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



62ABA6



AC96C0



BB9876

Complementary

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



62ABA6



AB6267

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.



C89283



62ABA6



C190AE

Square

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



62ABA6



8F9EC9



CB8F97



A7A073

Rectangle

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



62ABA6



69A7C4



CB8F97



C09679

Sweetspot

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



62ABA6



C1DEDC



68AB62



5E706F



F0F0F0



707070

Same Dimension

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



62ABA6



6DDED6



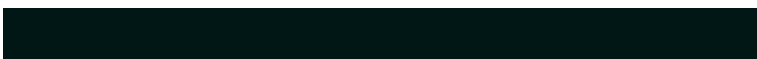
628DAB



4E5756



00968C



001715

Inverse Universe

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



AB6267



DE6D74



AB8062



574E4F



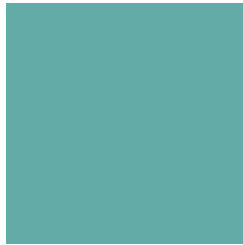
96000A



170002

Previews

White Background



This preview shows how the Hex color 62ABA6 looks on a white background.

Color Contrast Check

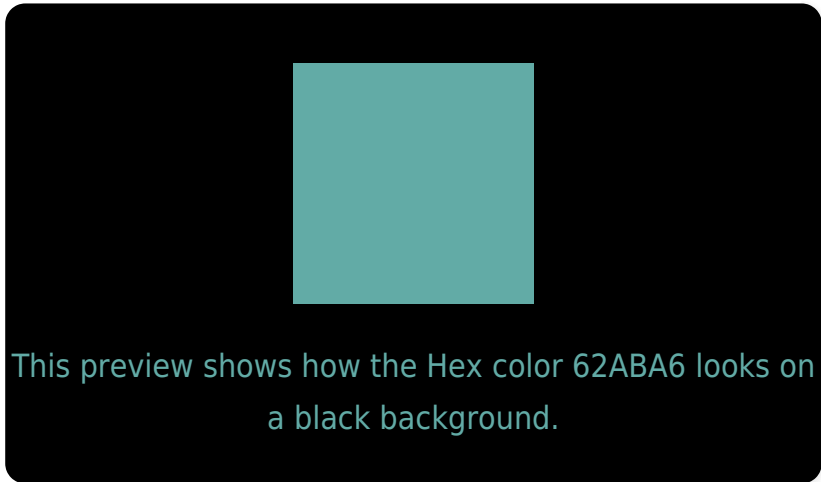
Large Text (above 18pt) WCAG AA × Fail

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

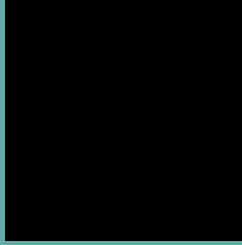
Any Text WCAG AA ✓ Pass

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 62ABA6 Background



This preview shows how black text looks on a background with the Hex color 62ABA6.

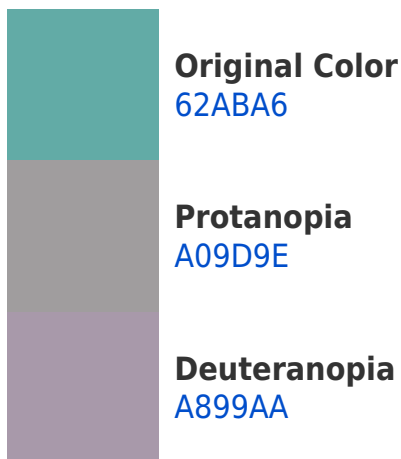


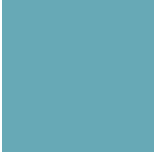
This preview shows how white text looks on a background with the Hex color 62ABA6.

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](#).

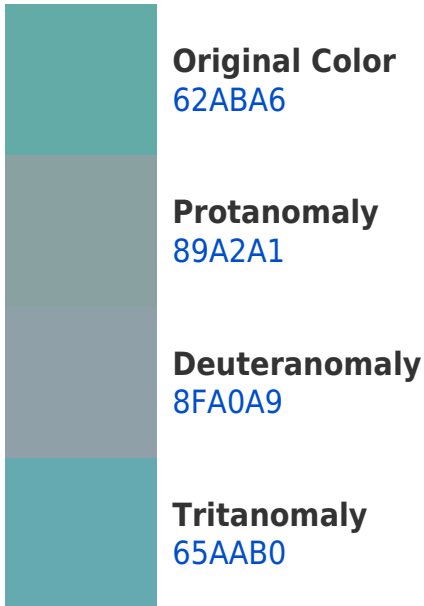
Dichromacy



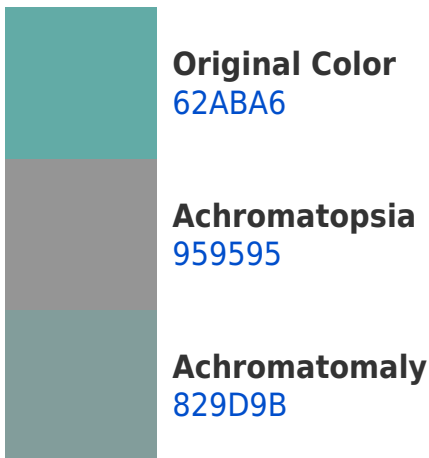


Tritanopia
67A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62ABA6 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 #62ABA6 looks like.

```
.text, #text, p{  
    color:#62ABA6  
}
```

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 #62ABA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62ABA6
}
```

Border

The CSS property to change the border of an element to Hex 62ABA6 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
#62ABA6 }
```

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

```
.border{ border-color:#62ABA6 }
```

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

Here you see how a box with a 4 pixel #62ABA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62ABA6; -webkit-box-shadow:4px 4px  
4px 4px #62ABA6; box-shadow:4px 4px 4px  
4px #62ABA6 }
```

Background

The CSS property to change the background color of an element to Hex 62ABA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62ABA6 }
```

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

```
.background{ background-color:#62ABA6 }
```

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