

Converting Colors

Hex(62B5A7)

Have a look what the booklet for
Hex(62B5A7) contains.

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Color

Hex(62B5A7)

Conversions

Conversions Part 1

Format	Color
Hex	62B5A7
RGB	98, 181, 167
RGB Percent	38%, 71%, 65%
CMY	0.6157, 0.2902, 0.3451
CMYK	0.46, 0.00, 0.08, 0.29
HSL	170°, 36%, 55%
HSV	170°, 46%, 71%
XYZ	28.5359, 38.4344, 42.4738
YIQ	154.5870, -44.9740, -21.9500

Conversions

Conversions Part 2

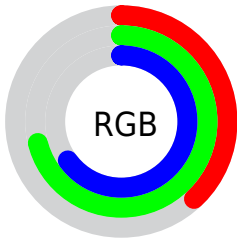
Format	Color
RYB	98, 143, 181
Decimal	6469031
CIELab	68.34, -28.73, -0.72
CIElCh	68, 28.740, 181.437
Yxy	38.4344, 0.2607, 0.3512
Android (android.graphics.Color)	4284659111 (0xFF62B5A7)
YUV	154.5870, 6.1196, -49.6268
Hunter-Lab	61.9955, -26.3303, 2.7766

Details

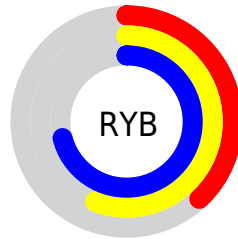
The Hex color **62B5A7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B56270**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **99EDDE**, and **298073** is the 20% darker color. If you saturate the color by 10%, you get **50B5A4**, and if you desaturate by 10%, it is **74B5AA**.

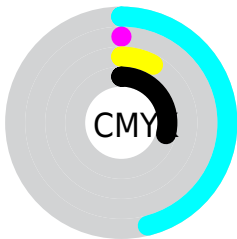
Distribution



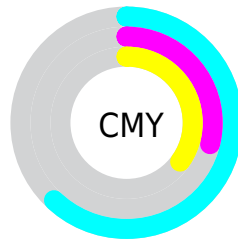
- Red (38%)
- Green (71%)
- Blue (65%)



- Red (38%)
- Yellow (56%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62B5A7 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 62B5A7 by changing the saturation by 10% instead.



62B5A7



62B5A7

FFFFFF



469A8D



99EDDE



298073



B6FFFB



00665B



D2FFFF



004E43



F0FFFF



00362D



002218



000000



62B5A7



62B5A7



50B5A4



74B5AA

 3EB5A1

 86B5AD

 2CB59E

 98B5B0

 1AB59B

 AAB5B3

 07B598

 BDB5B6

 00B596

 CFB5B9

 E1B5BC

 F3B5BF

 FFB5C2

Harmonies

Analogous

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



7EB38D



62B5A7



54B4C1

Triad

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



62B5A7



AC9FD3



CE9D7A

Complementary

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



62B5A7



B56270

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.



DA968D



62B5A7



C997C0

Square

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



62B5A7



87A9DA



D993A6



B8A573

Rectangle

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



62B5A7



5BB2CE



D993A6



D39A7F

Sweetspot

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



62B5A7



CAEBE5



71B562



617572



F5F5F5



757575

Same Dimension

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



62B5A7



6AEBD5



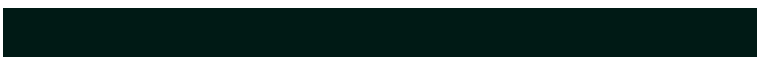
629BB5



505958



00997F



001A15

Inverse Universe

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



B56270



EB6A7F



B57C62



595052



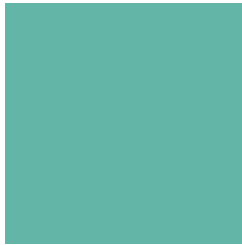
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 62B5A7 looks on a white background.

Color Contrast Check

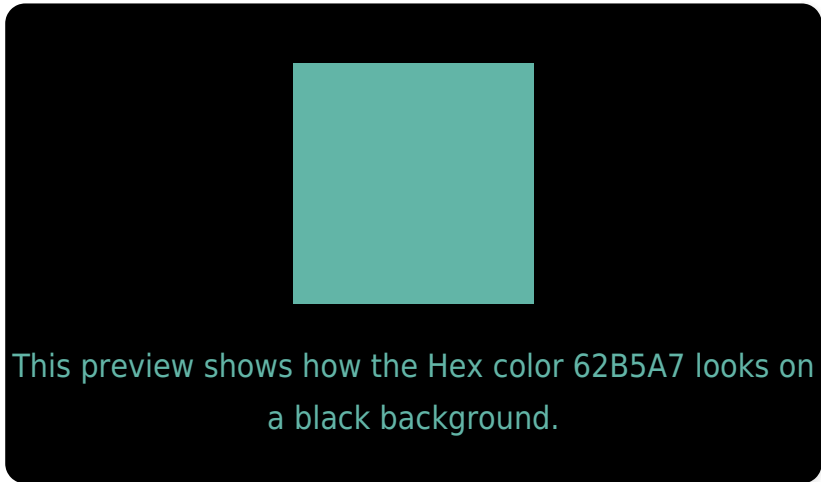
Large Text (above 18pt) WCAG AA × Fail

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

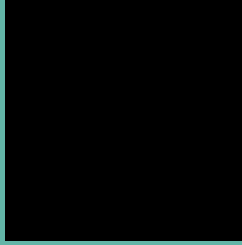
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

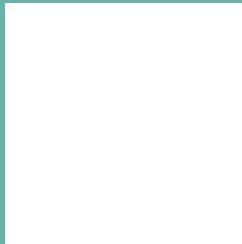
Any Text WCAG AAA ✓ Pass

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

Hex 62B5A7 Background



This preview shows how black text looks on a background with the Hex color 62B5A7.

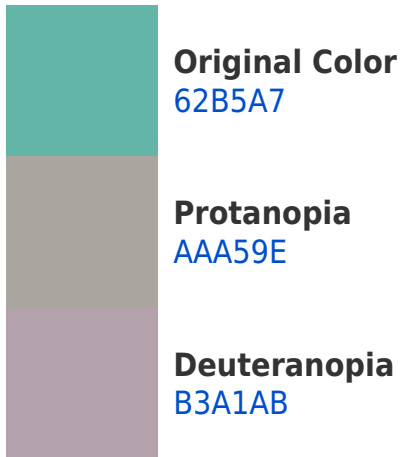


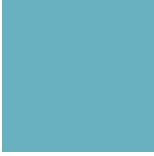
This preview shows how white text looks on a background with the Hex color 62B5A7.

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](#).

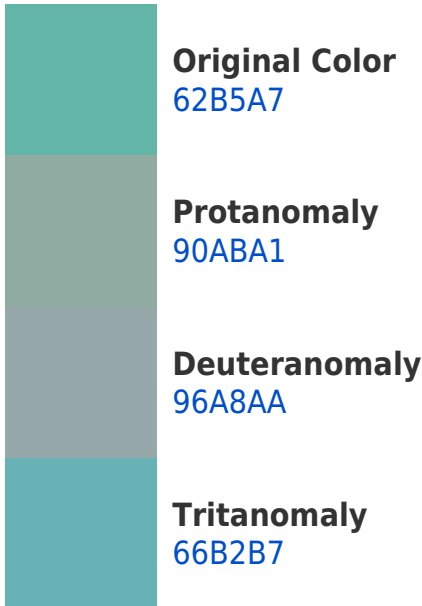
Dichromacy



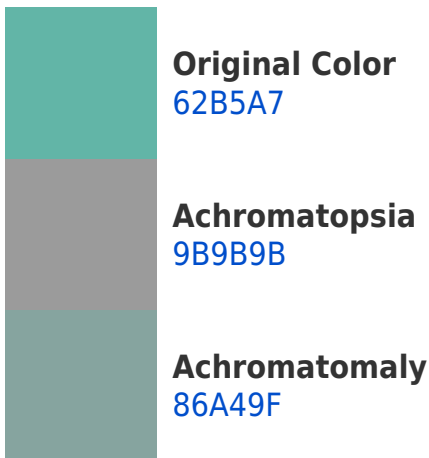


Tritanopia
69B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62B5A7 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 #62B5A7 looks like.

```
.text, #text, p{  
    color:#62B5A7  
}
```

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 #62B5A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62B5A7
}
```

Border

The CSS property to change the border of an element to Hex 62B5A7 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
#62B5A7 }
```

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

```
.border{ border-color:#62B5A7 }
```

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

Here you see how a box with a 4 pixel #62B5A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62B5A7; -webkit-box-shadow:4px 4px  
4px 4px #62B5A7; box-shadow:4px 4px 4px  
4px #62B5A7 }
```

Background

The CSS property to change the background color of an element to Hex 62B5A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62B5A7 }
```

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

```
.background{ background-color:#62B5A7 }
```

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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