

Converting Colors

Hex(5BA5B6)

Have a look what the booklet for
Hex(5BA5B6) contains.

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Color

Hex(5BA5B6)

Conversions

Conversions Part 1

Format	Color
Hex	5BA5B6
RGB	91, 165, 182
RGB Percent	36%, 65%, 71%
CMY	0.6431, 0.3529, 0.2863
CMYK	0.50, 0.09, 0.00, 0.29
HSL	191°, 38%, 54%
HSV	191°, 50%, 71%
XYZ	26.2130, 32.5118, 49.1498
YIQ	144.8120, -49.5610, -10.4010

Conversions

Conversions Part 2

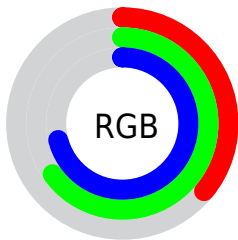
Format	Color
RYB	91, 132, 182
Decimal	6006198
CIELab	63.76, -18.35, -15.90
CIELCh	64, 24.278, 220.903
Yxy	32.5118, 0.2430, 0.3014
Android (android.graphics.Color)	4284196278 (0xFF5BA5B6)
YUV	144.8120, 18.3337, -47.1931
Hunter-Lab	57.0191, -17.7229, -11.1939

Details

The Hex color **5BA5B6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B66C5B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **93DCEE**, and **1E7181** is the 20% darker color. If you saturate the color by 10%, you get **49A2B6**, and if you desaturate by 10%, it is **6DA8B6**.

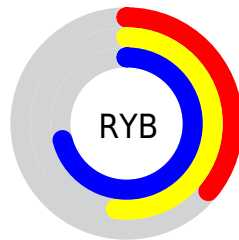
Distribution



Red (36%)

Green (65%)

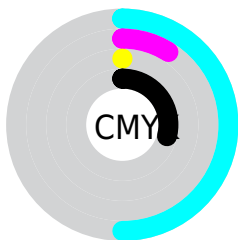
Blue (71%)



Red (36%)

Yellow (52%)

Blue (71%)

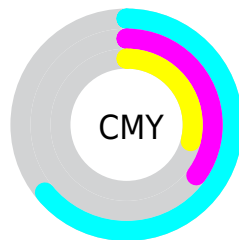


Cyan (50%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA5B6 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 5BA5B6 by changing the saturation by 10% instead.



5BA5B6



5BA5B6

FFFFFF



3E8B9B



93DCEE



1E7181



AFF9FF



005868



CCFFFF



004150



E9FFFF



002A39



001723



00000C



000000



5BA5B6



5BA5B6

■ 49A2B6

■ 6DA8B6

■ 379EB6

■ 7FACB6

■ 249BB6

■ 92AFB6

■ 1297B6

■ A4B3B6

■ 0094B6

■ B6B6B6

■ C8B9B6

■ DABDB6

■ EDC0B6

■ FFC4B6

Harmonies

Analogous

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



5EA7A2



5BA5B6



6DA1C3

Triad

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



5BA5B6



BD8CA9



A29C70

Complementary

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



5BA5B6



B66C5B

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.



B69472



5BA5B6



C68B93

Square

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



5BA5B6



A892BB



C38E7F



8AA279

Rectangle

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



5BA5B6



809CC5



C38E7F



AA996F

Sweetspot

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



5BA5B6



CAE7ED



5BB66C



627478



F7F7F7



787878

Same Dimension

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



5BA5B6



5FD3ED



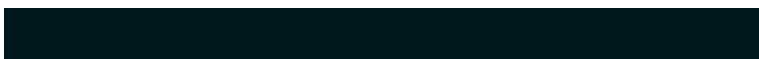
5B78B6



535A5C



007E9C



00171C

Inverse Universe

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



B65BA5



ED5FD3



B6995B



5C535A



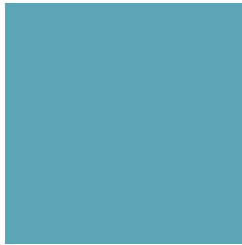
9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 5BA5B6 looks on a white background.

Color Contrast Check

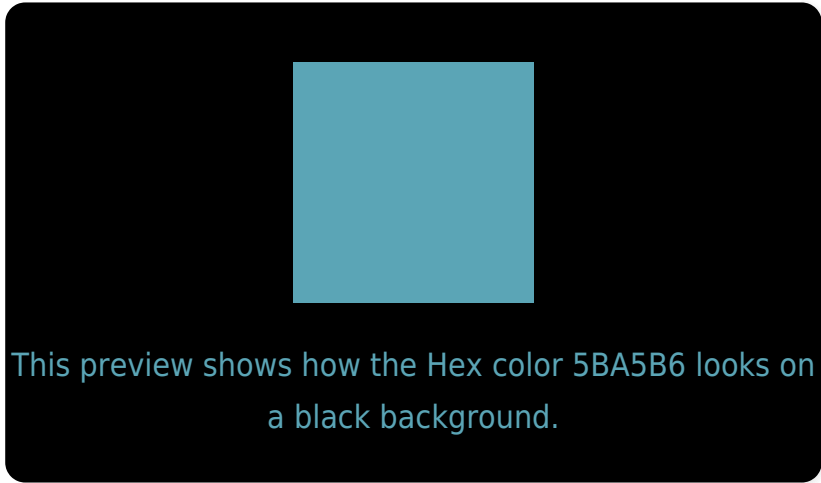
Large Text (above 18pt) WCAG AA × Fail

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

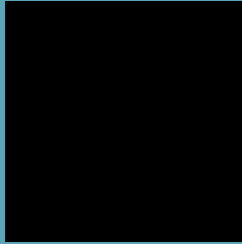
Any Text WCAG AA ✓ Pass

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 5BA5B6 Background



This preview shows how black text looks on a background with the Hex color 5BA5B6.

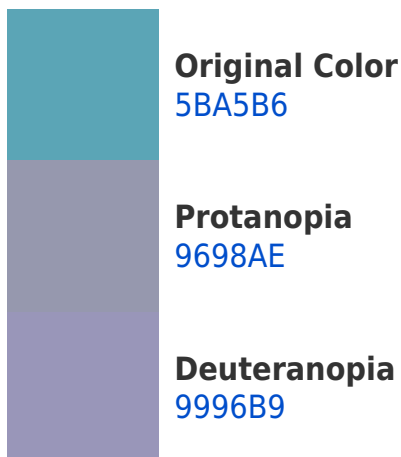


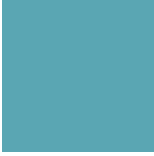
This preview shows how white text looks on a background with the Hex color 5BA5B6.

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](#).

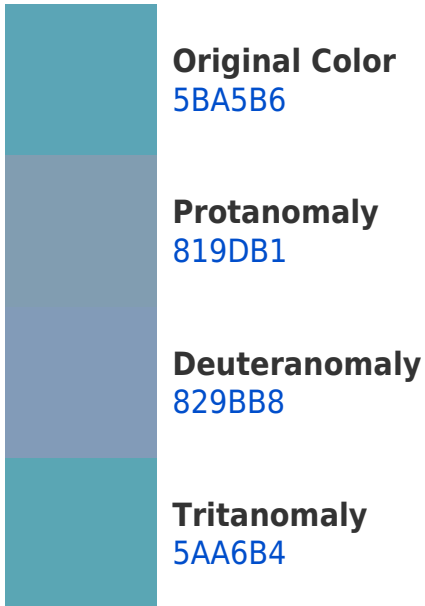
Dichromacy



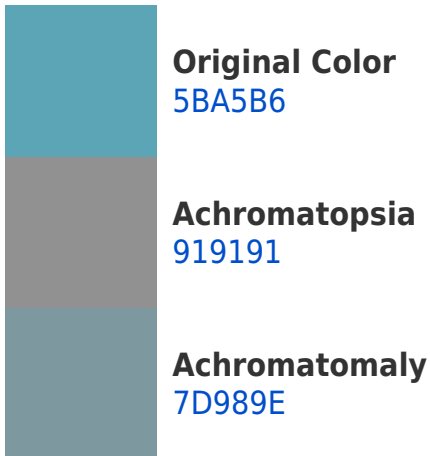


Tritanopia
5AA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA5B6 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 #5BA5B6 looks like.

```
.text, #text, p{  
    color:#5BA5B6  
}
```

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 #5BA5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA5B6
}
```

Border

The CSS property to change the border of an element to Hex 5BA5B6 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
#5BA5B6 }
```

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

```
.border{ border-color:#5BA5B6 }
```

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

Here you see how a box with a 4 pixel #5BA5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA5B6; -webkit-box-shadow:4px 4px  
4px 4px #5BA5B6; box-shadow:4px 4px 4px  
4px #5BA5B6 }
```

Background

The CSS property to change the background color of an element to Hex 5BA5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA5B6 }
```

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

```
.background{ background-color:#5BA5B6 }
```

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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