

# Converting Colors

Hex(5BABC2)

Have a look what the booklet for  
Hex(5BABC2) contains.

<b>Hex(5BABC2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5BABC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BABC2
RGB	91, 171, 194
RGB Percent	36%, 67%, 76%
CMY	0.6431, 0.3294, 0.2392
CMYK	0.53, 0.12, 0.00, 0.24
HSL	193°, 46%, 56%
HSV	193°, 53%, 76%
XYZ	28.6149, 35.2450, 56.3337
YIQ	149.7020, -55.0630, -9.8070

# Conversions

## Conversions Part 2

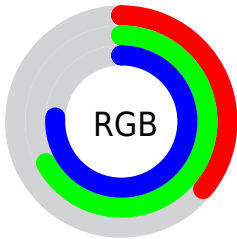
Format	Color
R <sub>Y</sub> B	91, 136, 194
Decimal	6007746
CIE Lab	65.94, -18.07, -19.28
CIE LCh	66, 26.431, 226.854
Yxy	35.2450, 0.2381, 0.2932
Android (android.graphics.Color)	4284197826 (0xFF5BABC2)
YUV	149.7020, 21.8389, -51.4817
Hunter-Lab	59.3675, -17.8569, -14.7029

# Details

The Hex color **5BABC2** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **C2725B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **94E2FB**, and **19778C** is the 20% darker color. If you saturate the color by 10%, you get **48A7C2**, and if you desaturate by 10%, it is **6EAF C2**.

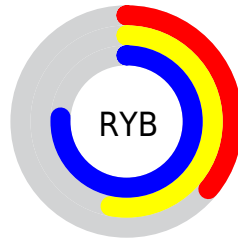
# Distribution



Red (36%)

Green (67%)

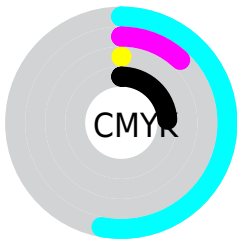
Blue (76%)



Red (36%)

Yellow (53%)

Blue (76%)

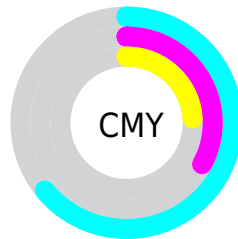


Cyan (53%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (64%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BABC2 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 5BABC2 by changing the saturation by 10% instead.



■ 5BABC2

■ 5BABC2

FFFFFF

■ 3D90A7

■ 94E2FB

■ 19778C

■ B1FFFF

■ 005E73

■ CEFFFF

■ 00465A

■ EBFFFF

■ 002F43

■ 001C2C

■ 000118

■ 000000

■ 5BABC2

■ 5BABC2

■ 48A7C2

■ 6EAFC2

■ 34A2C2

■ 82B4C2

■ 219EC2

■ 95B8C2

■ 0D9AC2

■ A9BCC2

■ 0097C2

■ BCC1C2

■ CFC5C2

■ E3C9C2

■ F6CEC2

■ FFD2C2

# Harmonies

## Analogous

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



5AADAD



5BABC2



74A6CE

# Triad

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



5BABC2



C990AC



A4A373

# Complementary

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



5BABC2



C2725B

# 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.



BB9B72



5BABC2



D08F94

# Square

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



5BABC2



B496C1



CB947F



89A97F

# Rectangle

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



5BABC2



8AA1CF



CB947F



ACA071

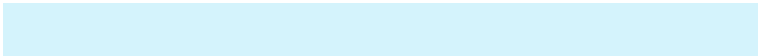


# Sweetspot

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



5BABC2



D4F3FC



5BC271



677A80



000000



808080



# Same Dimension

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



5BABC2



5BD8FC



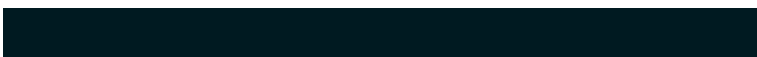
5B78C2



575F61



007DA1



001A21



# Inverse Universe

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



C25BAB



FC5BD8



C2A55B



61575F



A1007D

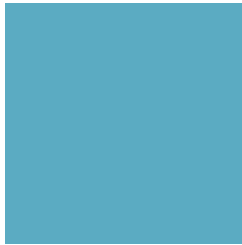


21001A



# Previews

## White Background



This preview shows how the Hex color 5BABC2 looks on a white background.

## Color Contrast Check

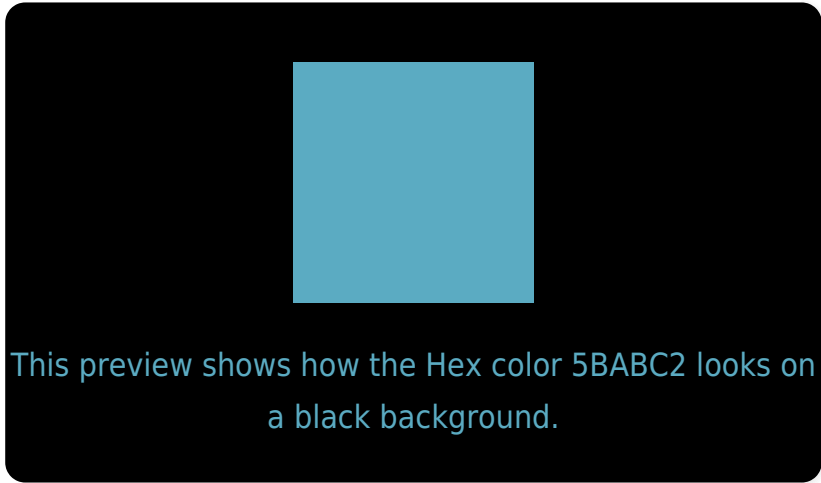
Large Text (above 18pt) WCAG AA × Fail

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

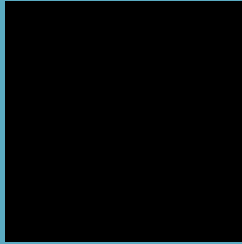
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BABC2 Background



This preview shows how black text looks on a background with the Hex color 5BABC2.



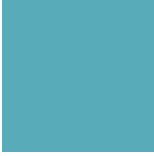
This preview shows how white text looks on a background with the Hex color 5BABC2.

# 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](#).

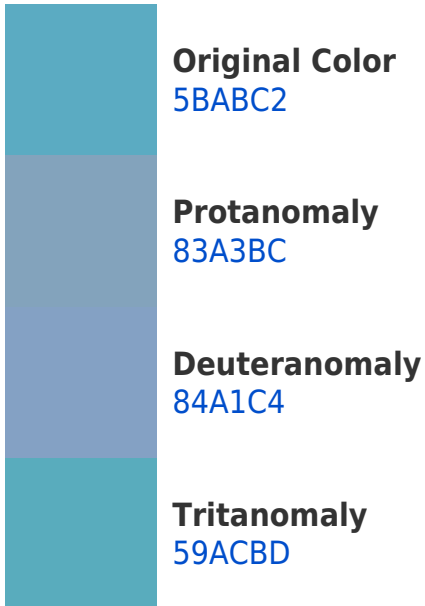
## Dichromacy



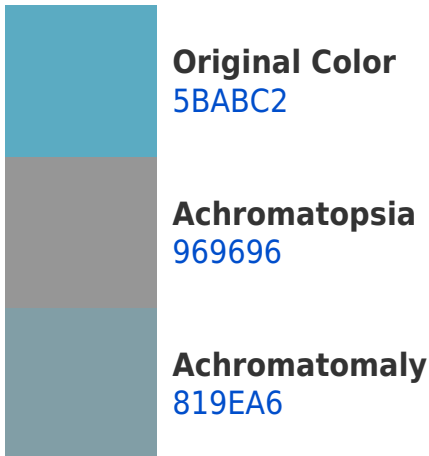


**Tritanopia**  
58ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BABC2 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 #5BABC2 looks like.

```
.text, #text, p{  
    color:#5BABC2  
}
```

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 #5BABC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BABC2
}
```

## Border

The CSS property to change the border of an element to Hex 5BABC2 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
#5BABC2 }
```

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

```
.border{ border-color:#5BABC2 }
```

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

Here you see how a box with a 4 pixel #5BABC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BABC2; -webkit-box-shadow:4px 4px  
4px 4px #5BABC2; box-shadow:4px 4px 4px  
4px #5BABC2 }
```

# Background

The CSS property to change the background color of an element to Hex 5BABC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BABC2 }
```

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

```
.background{ background-color:#5BABC2 }
```

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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