

# Converting Colors

Hex(6BA4B3)

Have a look what the booklet for  
Hex(6BA4B3) contains.

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**Color**

**Hex(6BA4B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA4B3
RGB	107, 164, 179
RGB Percent	42%, 64%, 70%
CMY	0.5804, 0.3569, 0.2980
CMYK	0.40, 0.08, 0.00, 0.30
HSL	192°, 32%, 56%
HSV	192°, 40%, 70%
XYZ	27.4755, 32.9314, 47.5561
YIQ	148.6670, -38.7870, -7.4190

# Conversions

## Conversions Part 2

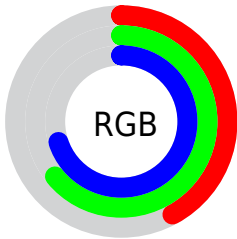
Format	Color
<a href="#">RYB</a>	<a href="#">107, 139, 179</a>
Decimal	<a href="#">7054515</a>
CIELab	<a href="#">64.11, -14.68, -13.63</a>
CIElCh	<a href="#">64, 20.032, 222.881</a>
Yxy	<a href="#">32.9314, 0.2545, 0.3050</a>
Android (android.graphics.Color)	<a href="#">4285244595</a> ( <a href="#">0xFF6BA4B3</a> )
YUV	<a href="#">148.6670, 14.9542, -36.5420</a>
Hunter-Lab	<a href="#">57.3859, -14.9620, -8.9639</a>

# Details

The Hex color **6BA4B3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B37A6B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A1DBEB**, and **36707E** is the 20% darker color. If you saturate the color by 10%, you get **59A0B3**, and if you desaturate by 10%, it is **7DA8B3**.

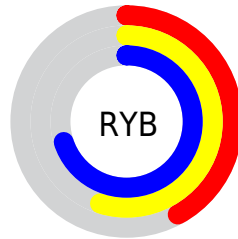
# Distribution



Red (42%)

Green (64%)

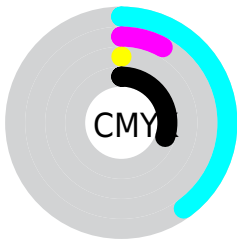
Blue (70%)



Red (42%)

Yellow (55%)

Blue (70%)

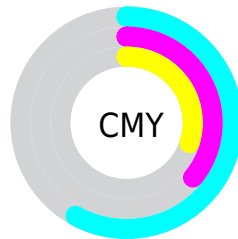


Cyan (40%)

Magenta (8%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (36%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA4B3 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 6BA4B3 by changing the saturation by 10% instead.





6BA4B3



6BA4B3

FFFFFF



508A98



A1DBEB



36707E



BDF8FF



185865



DAFFFF



00404D



F7FFFF



002A37



001721



000008



000000



6BA4B3



6BA4B3

■ 59A0B3

■ 7DA8B3

■ 479DB3

■ 8FABB3

■ 3599B3

■ A1AFB3

■ 2395B3

■ B3B3B3

■ 1291B3

■ C4B7B3

■ 008EB3

■ D6BAB3

■ E8BEB3

■ FAC2B3

■ FFC6B3

# Harmonies

## Analogous

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



6CA6A3



6BA4B3



7AA0BD

# Triad

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



6BA4B3



B990A6



A19D78

# Complementary

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



6BA4B3



B37A6B

# 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.



B2977A



6BA4B3



C08F94

# Square

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



6BA4B3



A894B6



BE9184



8DA281

# Rectangle

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



6BA4B3



899CBF



BE9184



A79B78



# Sweetspot

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



6BA4B3



CCE2E8



6BB379



657275



F5F5F5



757575



# Same Dimension

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



6BA4B3



79D1E8



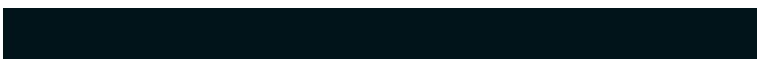
6B81B3



505759



007999



00141A



# Inverse Universe

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



B36BA4



E879D1



B39D6B



595057



990079

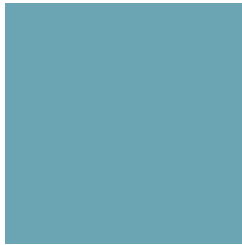


1A0014



# Previews

## White Background



This preview shows how the Hex color 6BA4B3 looks on a white background.

## Color Contrast Check

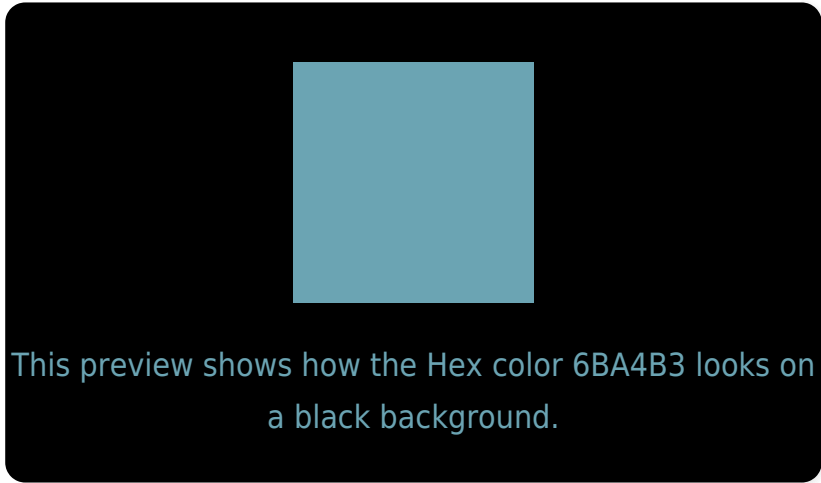
Large Text (above 18pt) WCAG AA × Fail

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

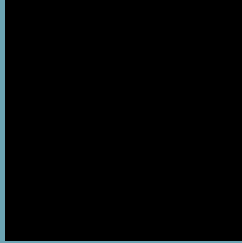
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BA4B3 Background



This preview shows how black text looks on a background with the Hex color 6BA4B3.

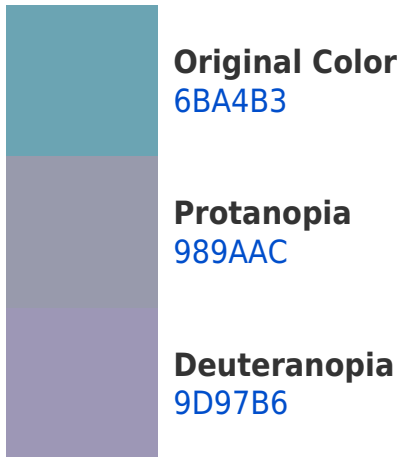


This preview shows how white text looks on a background with the Hex color 6BA4B3.

# 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](#).

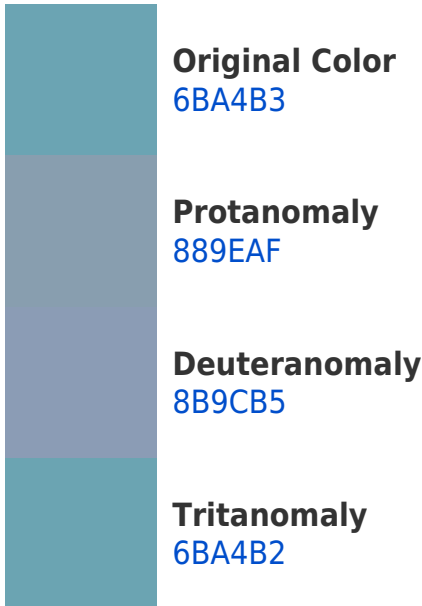
## Dichromacy



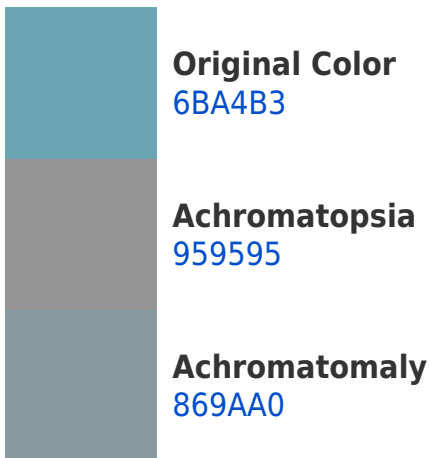


**Tritanopia**  
6BA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA4B3 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 #6BA4B3 looks like.

```
.text, #text, p{  
    color:#6BA4B3  
}
```

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 #6BA4B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA4B3
}
```

## Border

The CSS property to change the border of an element to Hex 6BA4B3 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
#6BA4B3 }
```

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

```
.border{ border-color:#6BA4B3 }
```

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

Here you see how a box with a 4 pixel #6BA4B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA4B3; -webkit-box-shadow:4px 4px  
4px 4px #6BA4B3; box-shadow:4px 4px 4px  
4px #6BA4B3 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA4B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA4B3 }
```

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

```
.background{ background-color:#6BA4B3 }
```

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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