

# Converting Colors

Hex(6BA4B9)

Have a look what the booklet for  
Hex(6BA4B9) contains.

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**Color**

**Hex(6BA4B9)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6BA4B9                      |
| RGB         | 107, 164, 185               |
| RGB Percent | 42%, 64%, 73%               |
| CMY         | 0.5804, 0.3569, 0.2745      |
| CMYK        | 0.42, 0.11, 0.00, 0.27      |
| HSL         | 196°, 36%, 57%              |
| HSV         | 196°, 42%, 73%              |
| XYZ         | 28.0958, 33.1795, 50.8224   |
| YIQ         | 149.3510, -40.7130, -5.5530 |

# Conversions

## Conversions Part 2

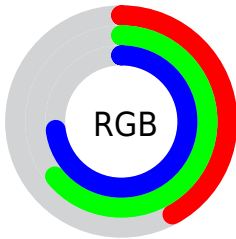
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">107, 140, 185</a>                   |
| Decimal                             | <a href="#">7054521</a>                         |
| CIELab                              | <a href="#">64.31, -13.07, -16.68</a>           |
| CIELCh                              | <a href="#">64, 21.196, 231.914</a>             |
| Yxy                                 | <a href="#">33.1795, 0.2506,<br/>0.2960</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285244601<br/>(0xFF6BA4B9)</a>     |
| YUV                                 | <a href="#">149.3510, 17.5750,<br/>-37.1418</a> |
| Hunter-Lab                          | <a href="#">57.6017, -13.7376,<br/>-11.9909</a> |

# Details

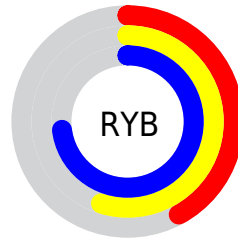
The Hex color **6BA4B9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B9806B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A2DBF1**, and **357084** is the 20% darker color. If you saturate the color by 10%, you get **599FB9**, and if you desaturate by 10%, it is **7EA9B9**.

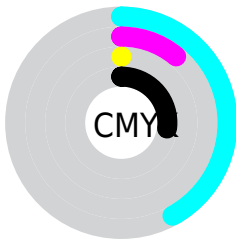
# Distribution



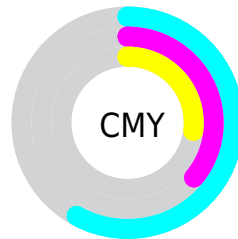
- Red (42%)
- Green (64%)
- Blue (73%)



- Red (42%)
- Yellow (55%)
- Blue (73%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (36%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA4B9 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 6BA4B9 by changing the saturation by 10% instead.



6BA4B9

6BA4B9

FFFFFF

508A9E

A2DBF1

357084

BEF8FF

16586B

DAFFFF

004052

F8FFFF

002A3B

001726

000110

000000

6BA4B9

6BA4B9

■ 599FB9

■ 7EA9B9

■ 469AB9

■ 90AEB9

■ 3495B9

■ A3B3B9

■ 2190B9

■ B5B8B9

■ 0E8BB9

■ C8BDB9

■ 0087B9

■ DAC2B9

■ EDC7B9

■ FFCCB9

■ FFD1B9

# Harmonies

## Analogous

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



67A6A9



6BA4B9



7F9FC1

# Triad

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



6BA4B9



BE8FA2



9B9F79

# Complementary

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



6BA4B9



B9806B

# 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.



AF9977



6BA4B9



C38F8F

# Square

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



6BA4B9



AF93B3



BD937F



86A484

# Rectangle

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



6BA4B9



909BC1



BD937F



A29D77



# Sweetspot

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



6BA4B9



D1E7F0



6BB980



657378



F7F7F7



787878



# Same Dimension

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



6BA4B9



75CFF0



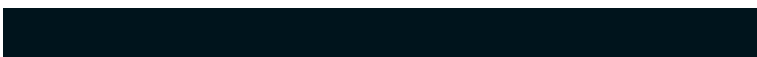
6B7DB9



53595C



00729C



00141C



# Inverse Universe

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



B96BA4



F075CF



B9A76B



5C5359



9C0072



1C0014



# Previews

## White Background



This preview shows how the Hex color 6BA4B9 looks on a white background.

## Color Contrast Check

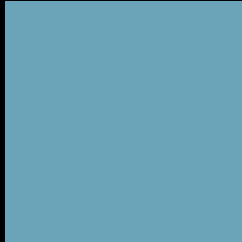
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6BA4B9 looks on a 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 6BA4B9 Background



This preview shows how black text looks on a background with the Hex color 6BA4B9.



This preview shows how white text looks on a background with the Hex color 6BA4B9.

# 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](#).

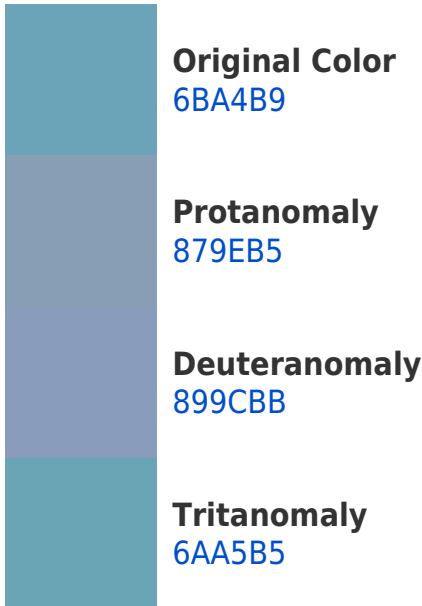
## Dichromacy



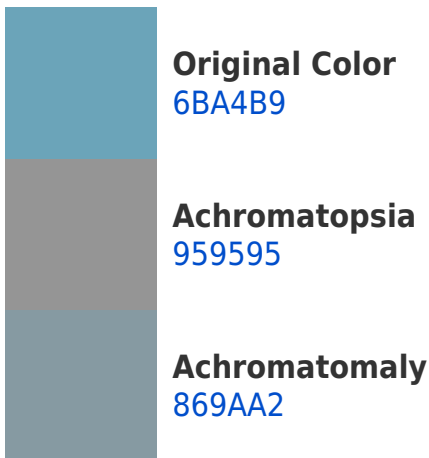


**Tritanopia**  
69A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA4B9 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 #6BA4B9 looks like.

```
.text, #text, p{  
    color:#6BA4B9  
}
```

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 #6BA4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA4B9
}
```

## Border

The CSS property to change the border of an element to Hex 6BA4B9 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
#6BA4B9 }
```

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

```
.border{ border-color:#6BA4B9 }
```

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

Here you see how a box with a 4 pixel #6BA4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA4B9; -webkit-box-shadow:4px 4px  
4px 4px #6BA4B9; box-shadow:4px 4px 4px  
4px #6BA4B9 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA4B9 }
```

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

```
.background{ background-color:#6BA4B9 }
```

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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