

Converting Colors

Hex(50A4B6)

Have a look what the booklet for
Hex(50A4B6) contains.

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Color

Hex(50A4B6)

Conversions

Conversions Part 1

Format	Color
Hex	50A4B6
RGB	80, 164, 182
RGB Percent	31%, 64%, 71%
CMY	0.6863, 0.3569, 0.2863
CMYK	0.56, 0.10, 0.00, 0.29
HSL	191°, 41%, 51%
HSV	191°, 56%, 71%
XYZ	25.0272, 31.6338, 49.0428
YIQ	140.9360, -55.8420, -12.2100

Conversions

Conversions Part 2

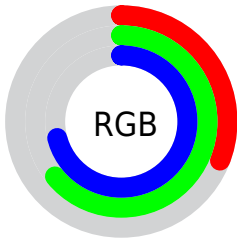
Format	Color
RYB	80, 126, 182
Decimal	5285046
CIELab	63.04, -20.21, -17.04
CIELCh	63, 26.432, 220.127
Yxy	31.6338, 0.2368, 0.2993
Android (android.graphics.Color)	4283475126 (0xFF50A4B6)
YUV	140.9360, 20.2446, -53.4409
Hunter-Lab	56.2439, -18.9986, -12.3282

Details

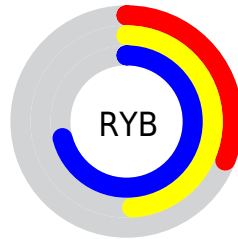
The Hex color **50A4B6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B66250**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **89DBEE**, and **017081** is the 20% darker color. If you saturate the color by 10%, you get **3EA1B6**, and if you desaturate by 10%, it is **62A7B6**.

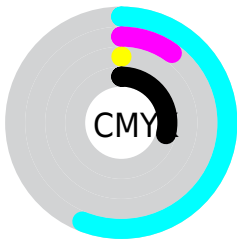
Distribution



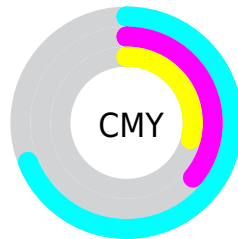
- Red (31%)
- Green (64%)
- Blue (71%)



- Red (31%)
- Yellow (49%)
- Blue (71%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A4B6 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 50A4B6 by changing the saturation by 10% instead.

 50A4B6

 50A4B6

FFFFFF

 318A9B

 89DBEE

 017081

 A6F8FF

 005768

 C3FFFF

 004050

 E0FFFF

 002939

FEFFFF

 001423

 00000C

 000000

 50A4B6

 50A4B6

3EA1B6

62A7B6

2C9EB6

74AAB6

199AB6

87AEB6

0797B6

99B1B6

0096B6

ABB4B6

BDB7B6

CFBAB6

E2BEB6

F4C1B6

Harmonies

Analogous

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



55A6A0



50A4B6



659FC4

Triad

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



50A4B6



BD89A9



A19A6A

Complementary

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



50A4B6



B66250

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.



B7926D



50A4B6



C78791

Square

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



50A4B6



A690BD



C58B7B



87A074

Rectangle

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



50A4B6



7A9BC7



C58B7B



A9976A

Sweetspot

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



50A4B6



C5E6ED



50B661



607478



F7F7F7



787878

Same Dimension

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



50A4B6



4ED1ED



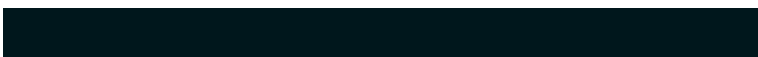
5072B6



535A5C



00809C



00171C

Inverse Universe

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



B650A4



ED4ED1



B69450



5C535A



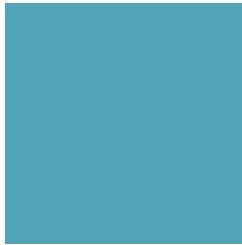
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 50A4B6 looks on a white background.

Color Contrast Check

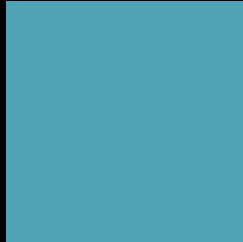
Large Text (above 18pt) WCAG AA × Fail

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 50A4B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

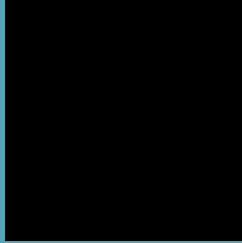
Any Text WCAG AA ✓ Pass

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 50A4B6 Background



This preview shows how black text looks on a background with the Hex color 50A4B6.

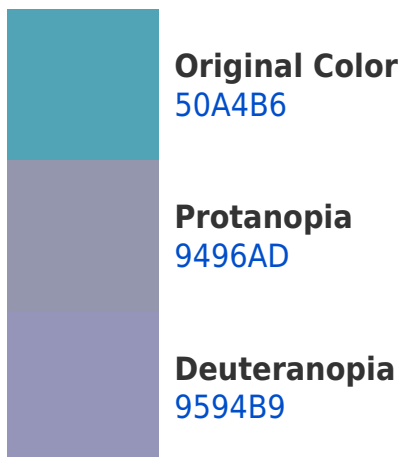


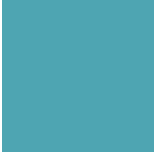
This preview shows how white text looks on a background with the Hex color 50A4B6.

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](#).

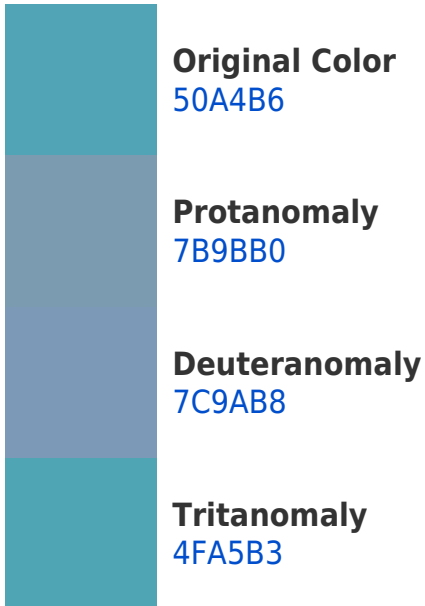
Dichromacy





Tritanopia
4EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A4B6 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 #50A4B6 looks like.

```
.text, #text, p{  
    color:#50A4B6  
}
```

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 #50A4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A4B6
}
```

Border

The CSS property to change the border of an element to Hex 50A4B6 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
#50A4B6 }
```

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

```
.border{ border-color:#50A4B6 }
```

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

Here you see how a box with a 4 pixel #50A4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A4B6; -webkit-box-shadow:4px 4px  
4px 4px #50A4B6; box-shadow:4px 4px 4px  
4px #50A4B6 }
```

Background

The CSS property to change the background color of an element to Hex 50A4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A4B6 }
```

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

```
.background{ background-color:#50A4B6 }
```

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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