

Converting Colors

Hex(47A5BB)

Have a look what the booklet for
Hex(47A5BB) contains.

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Color

Hex(47A5BB)

Conversions

Conversions Part 1

Format	Color
Hex	47A5BB
RGB	71, 165, 187
RGB Percent	28%, 65%, 73%
CMY	0.7216, 0.3529, 0.2667
CMYK	0.62, 0.12, 0.00, 0.27
HSL	191°, 46%, 51%
HSV	191°, 62%, 73%
XYZ	25.0233, 31.8377, 51.8401
YIQ	139.4020, -63.0860, -13.0860

Conversions

Conversions Part 2

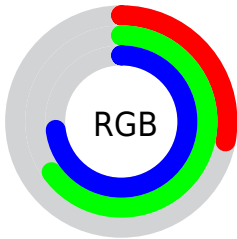
Format	Color
RYB	71, 123, 187
Decimal	4695483
CIELab	63.21, -20.96, -19.60
CIElCh	63, 28.697, 223.089
Yxy	31.8377, 0.2302, 0.2929
Android (android.graphics.Color)	4282885563 (0xFF47A5BB)
YUV	139.4020, 23.4658, -59.9886
Hunter-Lab	56.4249, -19.5825, -14.9750

Details

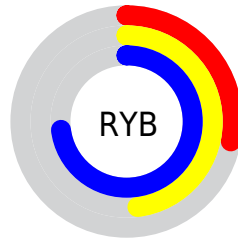
The Hex color **47A5BB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB5D47**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **83DCF3**, and **007186** is the 20% darker color. If you saturate the color by 10%, you get **34A1BB**, and if you desaturate by 10%, it is **5AA9BB**.

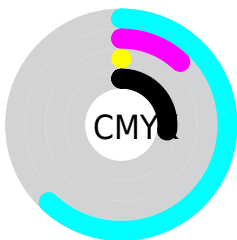
Distribution



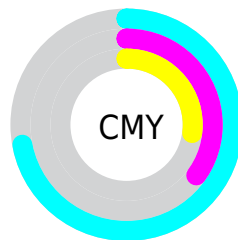
- Red (28%)
- Green (65%)
- Blue (73%)



- Red (28%)
- Yellow (48%)
- Blue (73%)



- Cyan (62%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (72%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47A5BB 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 47A5BB by changing the saturation by 10% instead.

■ 47A5BB

■ 47A5BB

FFFFFF

■ 248BA0

■ 83DCF3

■ 007186

■ A0F9FF

■ 00586C

■ BDFFFF

■ 004154

■ DAFFFF

■ 002A3D

■ F8FFFF

■ 001527

■ 000112

■ 000000

■ 47A5BB

■ 47A5BB

■ 34A1BB

■ 5AA9BB

■ 229EBB

■ 6CACBB

■ 0F9ABB

■ 7FB0BB

■ 0098BB

■ 92B3BB

■ A5B7BB

■ B7BABB

■ CABEBB

■ DDC1BB

■ EFC5BB

Harmonies

Analogous

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



4BA7A4



47A5BB



62A0C9

Triad

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



47A5BB



C288A8



A09B67

Complementary

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



47A5BB



BB5D47

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.



B89269



47A5BB



CC868F

Square

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



47A5BB



AB8FBE



C88A77



83A273

Rectangle

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



47A5BB



7B9BCC



C88A77



A89866

Sweetspot

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



47A5BB



C4EAF2



47BB5C



5E757A



FAFAFA



7A7A7A

Same Dimension

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



47A5BB



3FD0F2



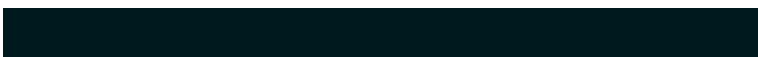
476CBB



555D5E



00809E



00191F

Inverse Universe

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



BB47A5



F23FD0



BB9647



5E555D



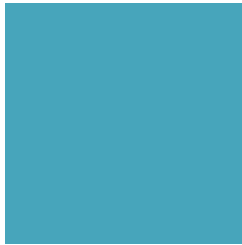
9E0080



1F0019

Previews

White Background



This preview shows how the Hex color 47A5BB looks on a white background.

Color Contrast Check

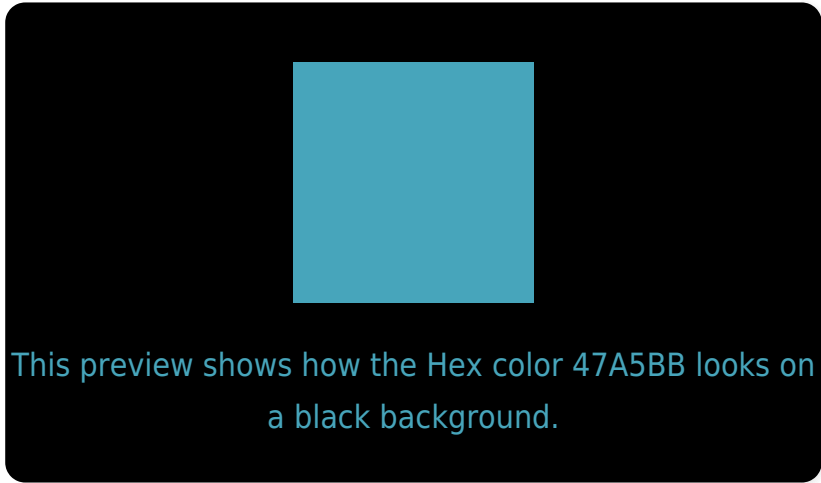
Large Text (above 18pt) WCAG AA × Fail

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

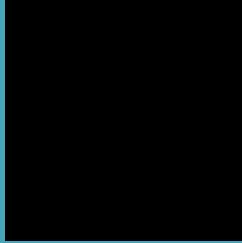
Any Text WCAG AA ✓ Pass

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 47A5BB Background



This preview shows how black text looks on a background with the Hex color 47A5BB.

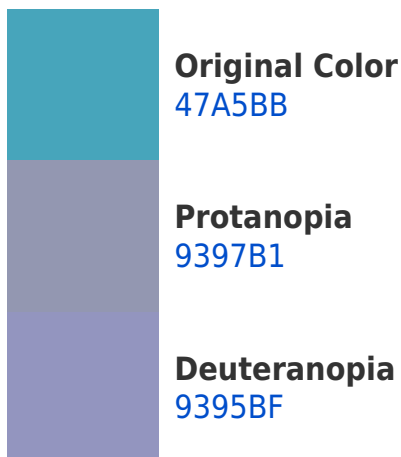


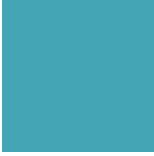
This preview shows how white text looks on a background with the Hex color 47A5BB.

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](#).

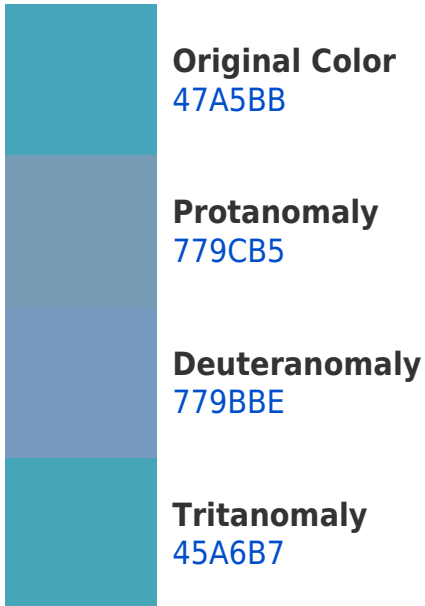
Dichromacy



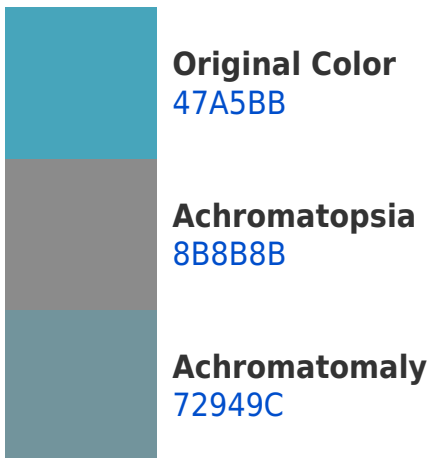


Tritanopia
44A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47A5BB 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 #47A5BB looks like.

```
.text, #text, p{  
    color:#47A5BB  
}
```

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 #47A5BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A5BB  
}
```

Border

The CSS property to change the border of an element to Hex 47A5BB 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  
#47A5BB }
```

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

```
.border{ border-color:#47A5BB }
```

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

Here you see how a box with a 4 pixel #47A5BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A5BB; -webkit-box-shadow:4px 4px  
4px 4px #47A5BB; box-shadow:4px 4px 4px  
4px #47A5BB }
```

Background

The CSS property to change the background color of an element to Hex 47A5BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A5BB }
```

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

```
.background{ background-color:#47A5BB }
```

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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