

Converting Colors

Hex(47B896)

Have a look what the booklet for
Hex(47B896) contains.

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Color

Hex(47B896)

Conversions

Conversions Part 1

Format	Color
Hex	47B896
RGB	71, 184, 150
RGB Percent	28%, 72%, 59%
CMY	0.7216, 0.2784, 0.4118
CMYK	0.61, 0.00, 0.18, 0.28
HSL	162°, 44%, 50%
HSV	162°, 61%, 72%
XYZ	25.2440, 37.8226, 34.8242
YIQ	146.3370, -56.4340, -34.5300

Conversions

Conversions Part 2

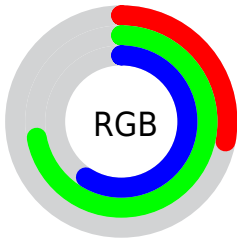
Format	Color
RYB	71, 138, 184
Decimal	4700310
CIELab	67.89, -40.20, 7.86
CIElCh	68, 40.957, 168.931
Yxy	37.8226, 0.2579, 0.3864
Android (android.graphics.Color)	4282890390 (0xFF47B896)
YUV	146.3370, 1.8059, -66.0705
Hunter-Lab	61.5001, -34.3559, 9.4773

Details

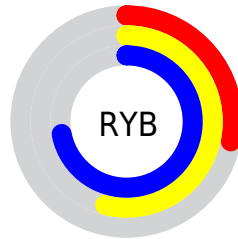
The Hex color **47B896** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B84769**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **82F1CC**, and **008263** is the 20% darker color. If you saturate the color by 10%, you get **35B890**, and if you desaturate by 10%, it is **59B89C**.

Distribution



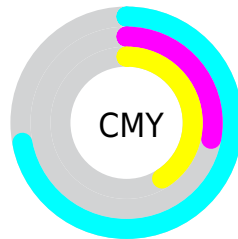
- Red (28%)
- Green (72%)
- Blue (59%)



- Red (28%)
- Yellow (54%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B896 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 47B896 by changing the saturation by 10% instead.

 47B896

 47B896

FFFFFF

 249D7C

 82F1CC

 008263

 9FFFE8

 00684B

 BCFFFF

 004F35

 DAFFFF

 00371F

 F7FFFF

 002308

 000000

 47B896

 47B896

 35B890

 59B89C

■ 22B88B

■ 6CB8A1

■ 10B885

■ 7EB8A7

■ 00B881

■ 91B8AC

■ A3B8B2

■ B5B8B7

■ C8B8BD

■ DAB8C2

■ EDB8C8

Harmonies

Analogous

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



7BB373



47B896



00B9BC

Triad

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



47B896



94A1EB



E2926F

Complementary

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



47B896



B84769

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.



ED898F



47B896



C693D6

Square

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



47B896



50ADED



E489B5



C99F5C

Rectangle

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



47B896



00B7D3



E489B5



E88E79

Sweetspot

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



47B896



C5F0E3



6BB847



5D7870



F7F7F7



787878

Same Dimension

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



47B896



3EF0BA



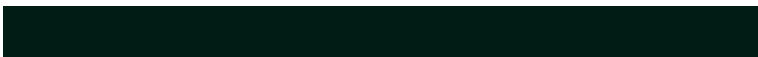
47A3B8



535C59



009C6D



001C14

Inverse Universe

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



B84769



F03E74



B85C47



5C5355



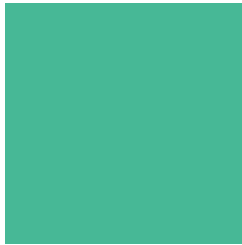
9C002F



1C0008

Previews

White Background



This preview shows how the Hex color 47B896 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 47B896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

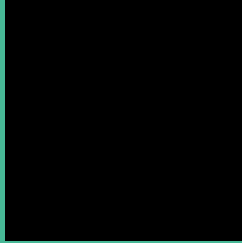
Any Text WCAG AA ✓ Pass

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 47B896 Background



This preview shows how black text looks on a background with the Hex color 47B896.

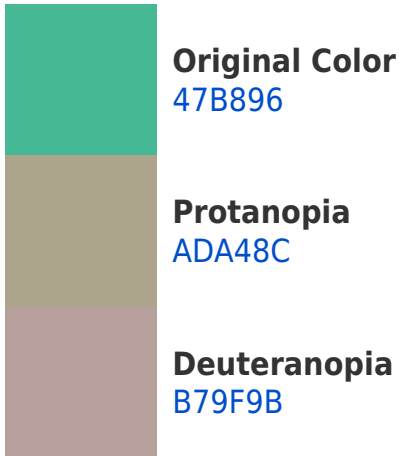


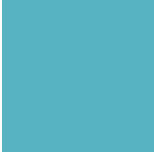
This preview shows how white text looks on a background with the Hex color 47B896.

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](#).

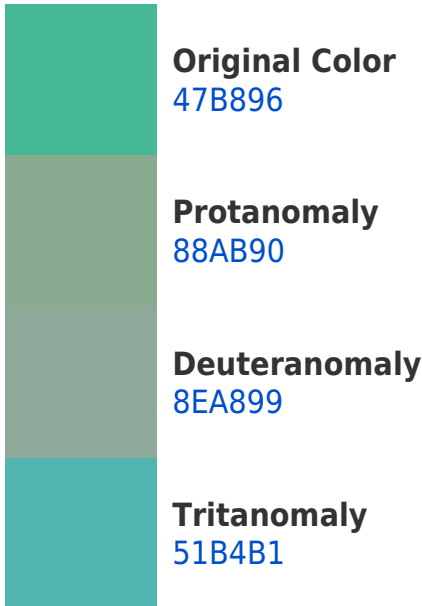
Dichromacy





Tritanopia
57B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47B896 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 #47B896 looks like.

```
.text, #text, p{  
    color:#47B896  
}
```

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 #47B896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B896
}
```

Border

The CSS property to change the border of an element to Hex 47B896 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
#47B896 }
```

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

```
.border{ border-color:#47B896 }
```

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

Here you see how a box with a 4 pixel #47B896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B896; -webkit-box-shadow:4px 4px  
4px 4px #47B896; box-shadow:4px 4px 4px  
4px #47B896 }
```

Background

The CSS property to change the background color of an element to Hex 47B896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B896 }
```

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

```
.background{ background-color:#47B896 }
```

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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