

Converting Colors

Hex(47B093)

Have a look what the booklet for
Hex(47B093) contains.

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Color

Hex(47B093)

Conversions

Conversions Part 1

Format	Color
Hex	47B093
RGB	71, 176, 147
RGB Percent	28%, 69%, 58%
CMY	0.7216, 0.3098, 0.4235
CMYK	0.60, 0.00, 0.16, 0.31
HSL	163°, 43%, 48%
HSV	163°, 60%, 69%
XYZ	23.3903, 34.4968, 33.0295
YIQ	141.2990, -53.2710, -31.2790

Conversions

Conversions Part 2

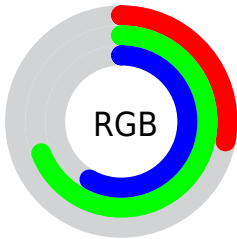
Format	Color
RYB	71, 132, 176
Decimal	4698259
CIELab	65.36, -37.34, 5.88
CIElCh	65, 37.799, 171.044
Yxy	34.4968, 0.2573, 0.3794
Android (android.graphics.Color)	4282888339 (0xFF47B093)
YUV	141.2990, 2.8106, -61.6522
Hunter-Lab	58.7340, -31.6984, 7.7716

Details

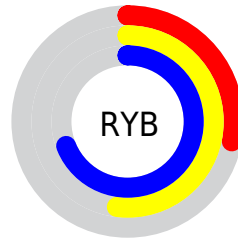
The Hex color **47B093** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B04764**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **81E8C9**, and **007B60** is the 20% darker color. If you saturate the color by 10%, you get **35B08E**, and if you desaturate by 10%, it is **59B098**.

Distribution



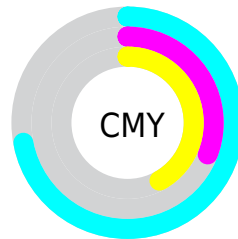
- Red (28%)
- Green (69%)
- Blue (58%)



- Red (28%)
- Yellow (52%)
- Blue (69%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (31%)



- Cyan (72%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B093 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 47B093 by changing the saturation by 10% instead.

 47B093

 47B093

FFFFFF

 269579

 81E8C9

 007B60

 9EFFE5

 006149

 BAEFFF

 004932

 D8FFFF

 00311D

 F5FFFF

 001B04

 000000

 47B093

 47B093

 35B08E

 59B098

■ 24B089

■ 6AB09D

■ 12B084

■ 7CB0A2

■ 01B080

■ 8DB0A6

■ 00B07F

■ 9FB0AB

■ B1B0B0

■ C2B0B5

■ D4B0BA

■ E5B0BF

Harmonies

Analogous

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



76AC73



47B093



00B0B6

Triad

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



47B093



939ADE



D68D6B

Complementary

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



47B093



B04764

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.



E08588



47B093



BF8DCA

Square

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



47B093



59A5E1



D985AA



BE995B

Rectangle

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



47B093



00AFCA



D985AA



DB8A74

Sweetspot

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



47B093



BCE6DA



65B047



5A736C



F2F2F2



737373

Same Dimension

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



47B093



40E6B8



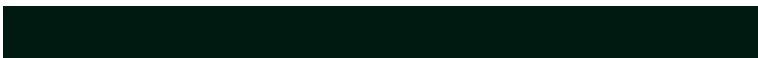
4799B0



505957



00996F



001A12

Inverse Universe

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



B04764



E6406E



B05E47



595053



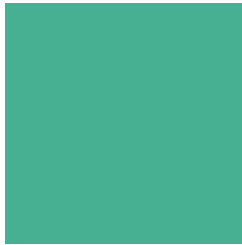
99002A



1A0007

Previews

White Background



This preview shows how the Hex color 47B093 looks on a white background.

Color Contrast Check

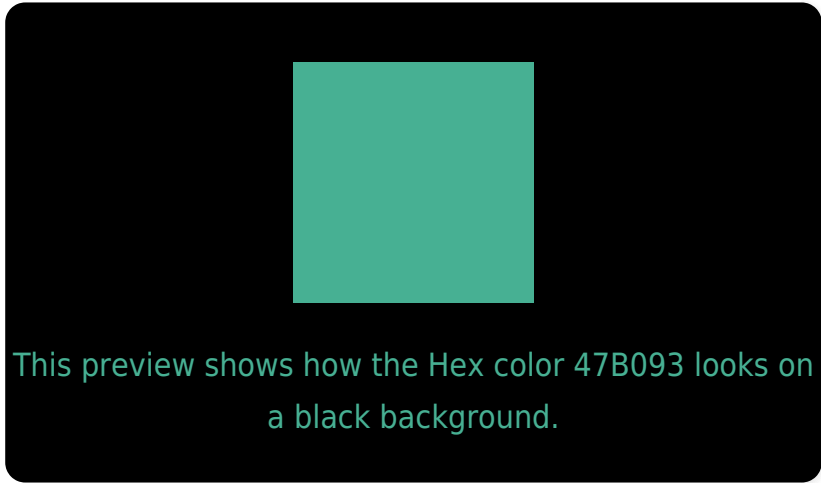
Large Text (above 18pt) WCAG AA × Fail

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

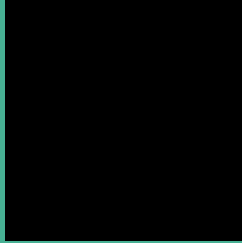
Any Text WCAG AA ✓ Pass

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 47B093 Background



This preview shows how black text looks on a background with the Hex color 47B093.

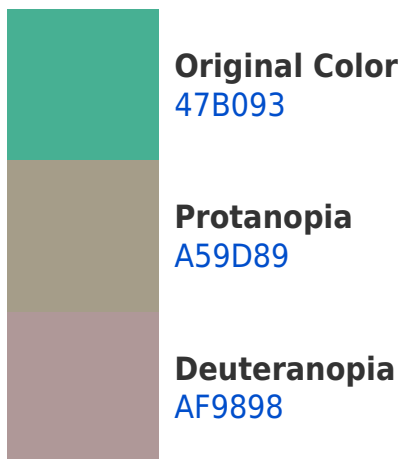


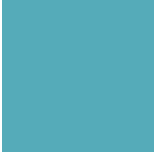
This preview shows how white text looks on a background with the Hex color 47B093.

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
55ABB9

Trichromacy



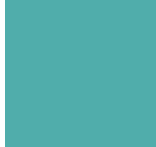
Original Color
47B093



Protanomaly
83A48D



Deuteranomaly
89A196



Tritanomaly
50ADAB

Monochromacy



Original Color
47B093



Achromatopsia
8D8D8D



Achromatomaly
749A8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 47B093 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 #47B093 looks like.

```
.text, #text, p{  
    color:#47B093  
}
```

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 #47B093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B093
}
```

Border

The CSS property to change the border of an element to Hex 47B093 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
#47B093 }
```

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

```
.border{ border-color:#47B093 }
```

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

Here you see how a box with a 4 pixel #47B093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B093; -webkit-box-shadow:4px 4px  
4px 4px #47B093; box-shadow:4px 4px 4px  
4px #47B093 }
```

Background

The CSS property to change the background color of an element to Hex 47B093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B093 }
```

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

```
.background{ background-color:#47B093 }
```

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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