

Converting Colors

Hex(48B791)

Have a look what the booklet for
Hex(48B791) contains.

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Color

Hex(48B791)

Conversions

Conversions Part 1

Format	Color
Hex	48B791
RGB	72, 183, 145
RGB Percent	28%, 72%, 57%
CMY	0.7176, 0.2824, 0.4314
CMYK	0.61, 0.00, 0.21, 0.28
HSL	159°, 44%, 50%
HSV	159°, 61%, 72%
XYZ	24.7168, 37.2890, 32.6829
YIQ	145.4790, -53.9580, -35.3500

Conversions

Conversions Part 2

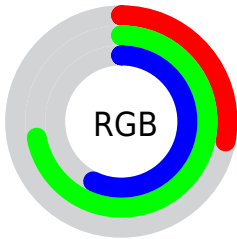
Format	Color
RYB	72, 139, 183
Decimal	4765585
CIELab	67.49, -40.74, 10.04
CIELCh	67, 41.960, 166.152
Yxy	37.2890, 0.2610, 0.3938
Android (android.graphics.Color)	4282955665 (0xFF48B791)
YUV	145.4790, -0.2361, -64.4411
Hunter-Lab	61.0647, -34.6129, 11.0123

Details

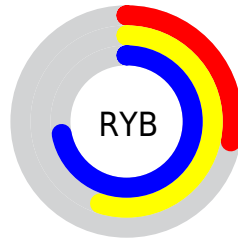
The Hex color **48B791** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B7486E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **83F0C7**, and **00815F** is the 20% darker color. If you saturate the color by 10%, you get **36B78B**, and if you desaturate by 10%, it is **5AB797**.

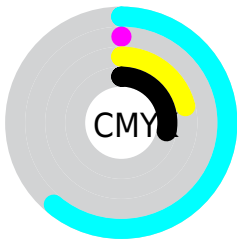
Distribution



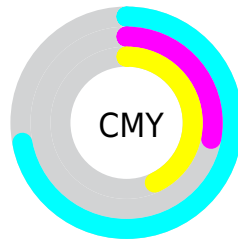
- Red (28%)
- Green (72%)
- Blue (57%)



- Red (28%)
- Yellow (55%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B791 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 48B791 by changing the saturation by 10% instead.

 48B791

 48B791

FFFFFF

 269C77

 83F0C7

 00815F

 9FFFE3

 006747

 BCFFFF

 004E30

 DAFFFF

 00371B

 F8FFFF

 002201

 000000

 48B791

 48B791

 36B78B

 5AB797

■ 23B784

■ 6DB79E

■ 11B77E

■ 7FB7A4

■ 00B778

■ 91B7AA

■ A4B7B0

■ B6B7B7

■ C8B7BD

■ DAB7C3

■ EDB7C9

Harmonies

Analogous

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



7DB26E



48B791



00B8B8

Triad

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



48B791



8DA1ED



E48F6F

Complementary

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



48B791



B7486E

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.



ED8791



48B791



C293D9

Square

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



48B791



42ADED



E288B8



CB9C5B

Rectangle

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



48B791



00B7D0



E288B8



E98B7A

Sweetspot

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



48B791



C2EDDF



6FB748



5D786F



F7F7F7



787878

Same Dimension

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



48B791



40EDB2



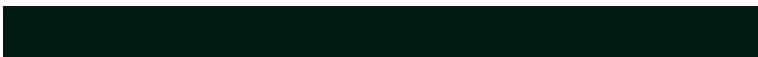
48A6B7



535C59



009C66



001C12

Inverse Universe

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



B7486E



ED407B



B75948



5C5356



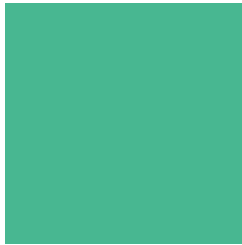
9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 48B791 looks on a white background.

Color Contrast Check

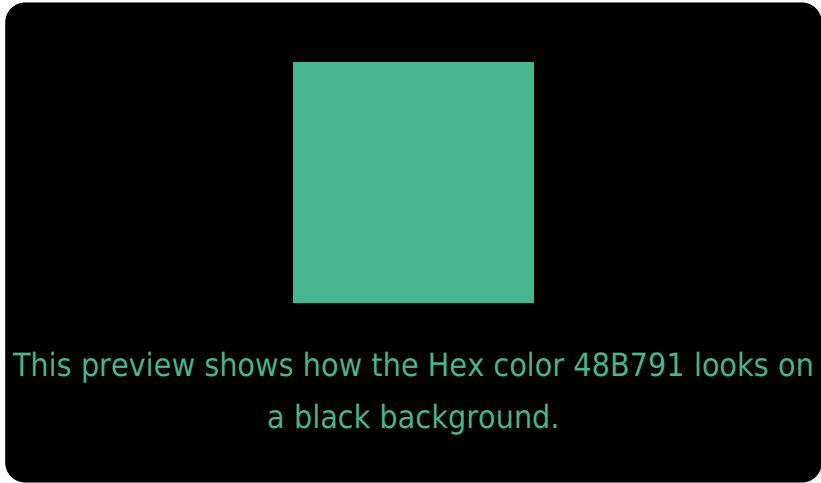
Large Text (above 18pt) WCAG AA × Fail

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

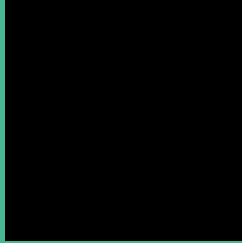
Any Text WCAG AA ✓ Pass

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 48B791 Background



This preview shows how black text looks on a background with the Hex color 48B791.



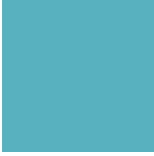
This preview shows how white text looks on a background with the Hex color 48B791.

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
58B1BF

Trichromacy



Original Color
48B791



Protanomaly
88AA8B



Deuteranomaly
8FA695



Tritanomaly
52B3AE

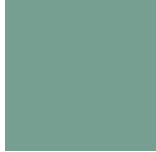
Monochromacy



Original Color
48B791



Achromatopsia
919191



Achromatomaly
769F91

CSS Examples

Text

The CSS property to change the color of the text to Hex 48B791 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 #48B791 looks like.

```
.text, #text, p{  
    color:#48B791  
}
```

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 #48B791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B791
}
```

Border

The CSS property to change the border of an element to Hex 48B791 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
#48B791 }
```

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

```
.border{ border-color:#48B791 }
```

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

Here you see how a box with a 4 pixel #48B791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B791; -webkit-box-shadow:4px 4px  
4px 4px #48B791; box-shadow:4px 4px 4px  
4px #48B791 }
```

Background

The CSS property to change the background color of an element to Hex 48B791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B791 }
```

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

```
.background{ background-color:#48B791 }
```

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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