

# Converting Colors

Hex(43B878)

Have a look what the booklet for  
Hex(43B878) contains.

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**Color**

**Hex(43B878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43B878
RGB	67, 184, 120
RGB Percent	26%, 72%, 47%
CMY	0.7373, 0.2784, 0.5294
CMYK	0.64, 0.00, 0.35, 0.28
HSL	147°, 47%, 49%
HSV	147°, 64%, 72%
XYZ	22.8454, 36.8303, 23.6742
YIQ	141.7210, -49.1880, -44.7080

# Conversions

## Conversions Part 2

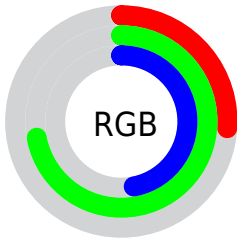
Format	Color
<a href="#">RYB</a>	<a href="#">67, 148, 184</a>
Decimal	<a href="#">4438136</a>
CIELab	<a href="#">67.15, -47.53, 23.10</a>
CIELCh	<a href="#">67, 52.841, 154.080</a>
Yxy	<a href="#">36.8303, 0.2741, 0.4419</a>
Android (android.graphics.Color)	<a href="#">4282628216 (0xFF43B878)</a>
YUV	<a href="#">141.7210, -10.7085, -65.5303</a>
Hunter-Lab	<a href="#">60.6880, -39.0095, 19.3528</a>

# Details

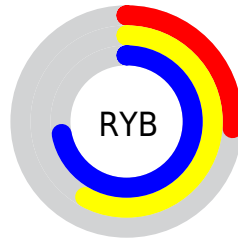
The Hex color **43B878** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B84383**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7FF1AD**, and **008247** is the 20% darker color. If you saturate the color by 10%, you get **31B86E**, and if you desaturate by 10%, it is **55B882**.

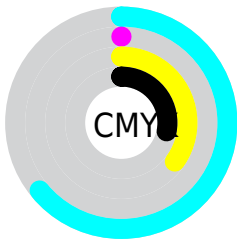
# Distribution



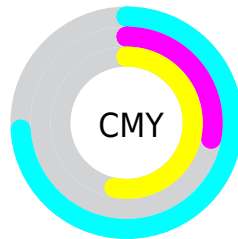
- Red (26%)
- Green (72%)
- Blue (47%)



- Red (26%)
- Yellow (58%)
- Blue (72%)



- Cyan (64%)
- Magenta (0%)
- Yellow (35%)
- Black (28%)



- Cyan (74%)
- Magenta (28%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43B878 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 43B878 by changing the saturation by 10% instead.





43B878



43B878

FFFFFF



1F9D5F



7FF1AD



008247



9BFFC8



006830



B9FFE4



004F1A



D6FFFF



003701



F4FFFF



002100



000000



43B878



43B878



31B86E



55B882

 1EB864

 68B88C

 0CB85A

 7AB896

 00B853

 8DB8A0

 9FB8AA

 B1B8B4

 C4B8BE

 D6B8C9

 E9B8D3

# Harmonies

## Analogous

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



87B051



43B878



00BBA9

# Triad

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



43B878



56A6FF



F88171

# Complementary

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



43B878



B84383

# 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.



FB7A9F



43B878



AF94F3

# Square

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



43B878



00B3F8



E382CE



E0924D

# Rectangle

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



43B878



00BBC9



E382CE



FB7D7F

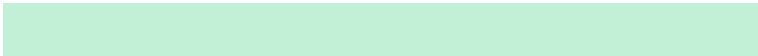


# Sweetspot

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



43B878



C2F0D7



83B843



5C7869



F7F7F7



787878



# Same Dimension

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



43B878



3AF08C



43B8B2



535C57



009C46



001C0D



# Inverse Universe

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



B84383



F03A9D



B84349



5C5358



9C0055



1C000F



# Previews

## White Background



This preview shows how the Hex color 43B878 looks on a white background.

## Color Contrast Check

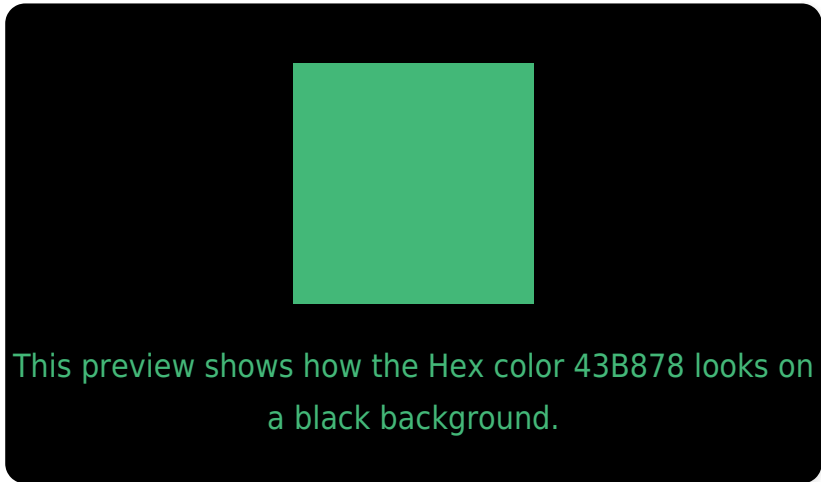
Large Text (above 18pt) WCAG AA × Fail

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

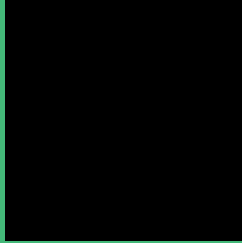
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 43B878 Background



This preview shows how black text looks on a background with the Hex color 43B878.



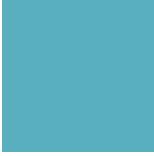
This preview shows how white text looks on a background with the Hex color 43B878.

# 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





# Trichromacy



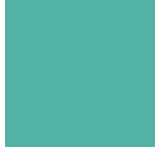
**Original Color**  
43B878



**Protanomaly**  
88AA72



**Deuteranomaly**  
91A67C



**Tritanomaly**  
52B2A5

# Monochromacy



**Original Color**  
43B878



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
739D86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43B878 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 #43B878 looks like.

```
.text, #text, p{  
    color:#43B878  
}
```

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 #43B878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43B878
}
```

## Border

The CSS property to change the border of an element to Hex 43B878 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
#43B878 }
```

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

```
.border{ border-color:#43B878 }
```

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

Here you see how a box with a 4 pixel #43B878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43B878; -webkit-box-shadow:4px 4px  
4px 4px #43B878; box-shadow:4px 4px 4px  
4px #43B878 }
```

# Background

The CSS property to change the background color of an element to Hex 43B878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43B878 }
```

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

```
.background{ background-color:#43B878 }
```

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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