

Converting Colors

Hex(44B080)

Have a look what the booklet for
Hex(44B080) contains.

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Color

Hex(44B080)

Conversions

Conversions Part 1

Format	Color
Hex	44B080
RGB	68, 176, 128
RGB Percent	27%, 69%, 50%
CMY	0.7333, 0.3098, 0.4980
CMYK	0.61, 0.00, 0.27, 0.31
HSL	153°, 44%, 48%
HSV	153°, 61%, 69%
XYZ	21.8055, 33.8381, 25.8042
YIQ	138.2360, -48.9600, -37.8240

Conversions

Conversions Part 2

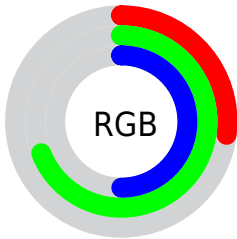
Format	Color
RYB	68, 137, 176
Decimal	4501632
CIELab	64.83, -42.33, 15.60
CIElCh	65, 45.117, 159.770
Yxy	33.8381, 0.2677, 0.4155
Android (android.graphics.Color)	4282691712 (0xFF44B080)
YUV	138.2360, -5.0463, -61.5970
Hunter-Lab	58.1705, -34.8869, 14.4186

Details

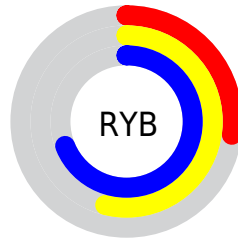
The Hex color **44B080** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B04474**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7EE8B5**, and **007A4F** is the 20% darker color. If you saturate the color by 10%, you get **32B078**, and if you desaturate by 10%, it is **56B088**.

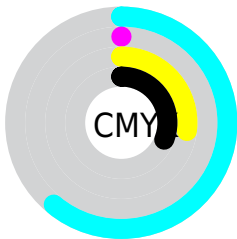
Distribution



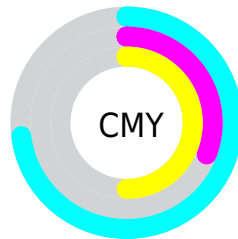
- Red (27%)
- Green (69%)
- Blue (50%)



- Red (27%)
- Yellow (54%)
- Blue (69%)



- Cyan (61%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)



- Cyan (73%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44B080 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 44B080 by changing the saturation by 10% instead.

 44B080

 44B080

FFFFFF

 229567

 7EE8B5

 007A4F

 9BFFD1

 006138

 B7FFED

 004822

 D5FFFF

 00310C

 F2FFFF

 001A00

 000000

 44B080

 44B080

 32B078

 56B088

 21B070

 67B090

 0FB069

 79B097

 00B062

 8AB09F

 9CB0A7

 AEB0AF

 BFB0B7

 D1B0BF

 E2B0C6

Harmonies

Analogous

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



7DAA5D



44B080



00B2AA

Triad

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



44B080



739DED



E4836C

Complementary

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



44B080



B04474

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.



EA7C92



44B080



B28EDC

Square

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



44B080



00A9E8



D980BA



CC9151

Rectangle

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



44B080



00B1C4



D980BA



E88077

Sweetspot

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



44B080



BCE6D3



75B044



5A7368



F2F2F2



737373

Same Dimension

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



44B080



3CE69A



44ABB0



505955



009955



001A0E

Inverse Universe

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



B04474



E63C87



B04944



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 44B080 looks on a white background.

Color Contrast Check

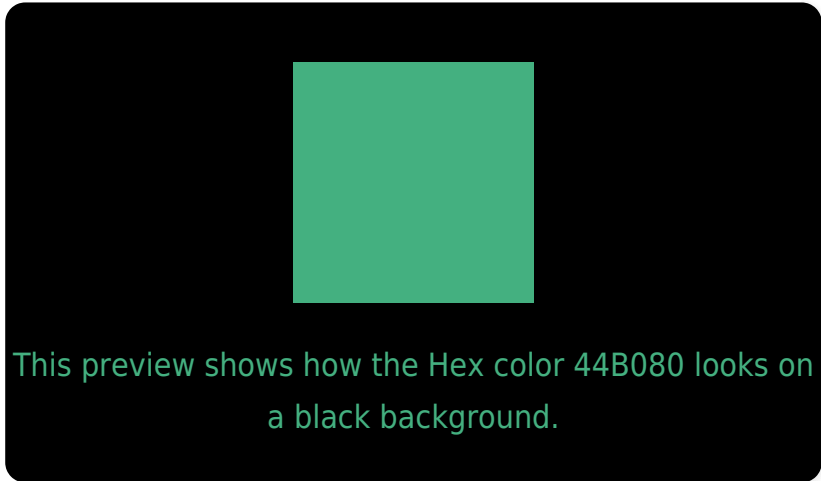
Large Text (above 18pt) WCAG AA × Fail

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 44B080 Background



This preview shows how black text looks on a background with the Hex color 44B080.

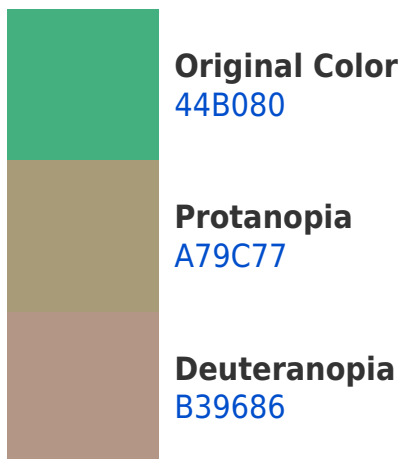


This preview shows how white text looks on a background with the Hex color 44B080.

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
57A9B7

Trichromacy



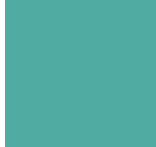
Original Color
44B080



Protanomaly
83A37A



Deuteranomaly
8B9F84



Tritanomaly
50ACA3

Monochromacy



Original Color
44B080



Achromatopsia
8A8A8A



Achromatomaly
719886

CSS Examples

Text

The CSS property to change the color of the text to Hex 44B080 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 #44B080 looks like.

```
.text, #text, p{  
    color:#44B080  
}
```

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 #44B080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B080
}
```

Border

The CSS property to change the border of an element to Hex 44B080 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
#44B080 }
```

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

```
.border{ border-color:#44B080 }
```

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

Here you see how a box with a 4 pixel #44B080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B080; -webkit-box-shadow:4px 4px  
4px 4px #44B080; box-shadow:4px 4px 4px  
4px #44B080 }
```

Background

The CSS property to change the background color of an element to Hex 44B080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B080 }
```

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

```
.background{ background-color:#44B080 }
```

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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