

Converting Colors

Hex(44BD81)

Have a look what the booklet for
Hex(44BD81) contains.

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Color

Hex(44BD81)

Conversions

Conversions Part 1

Format	Color
Hex	44BD81
RGB	68, 189, 129
RGB Percent	27%, 74%, 51%
CMY	0.7333, 0.2588, 0.4941
CMYK	0.64, 0.00, 0.32, 0.26
HSL	150°, 48%, 50%
HSV	150°, 64%, 74%
XYZ	24.5439, 39.2091, 27.0434
YIQ	145.9810, -52.8560, -44.3120

Conversions

Conversions Part 2

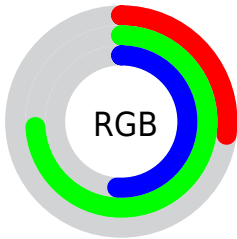
Format	Color
RYB	68, 148, 189
Decimal	4504961
CIELab	68.90, -47.56, 20.67
CIELCh	69, 51.856, 156.514
Yxy	39.2091, 0.2703, 0.4318
Android (android.graphics.Color)	4282695041 (0xFF44BD81)
YUV	145.9810, -8.3716, -68.3893
Hunter-Lab	62.6172, -39.6138, 18.2256

Details

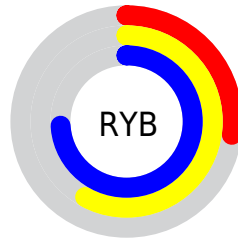
The Hex color **44BD81** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD4480**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **80F6B6**, and **00874F** is the 20% darker color. If you saturate the color by 10%, you get **31BD78**, and if you desaturate by 10%, it is **57BD8A**.

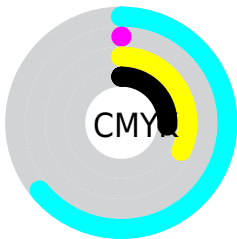
Distribution



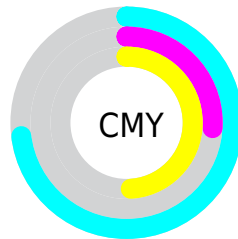
- Red (27%)
- Green (74%)
- Blue (51%)



- Red (27%)
- Yellow (58%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (73%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BD81 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 44BD81 by changing the saturation by 10% instead.

 44BD81

 44BD81

FFFFFF

 1FA168

 80F6B6

 00874F

 9DFFD2

 006C38

 BAFEE

 005322

 D8FFFF

 003B0C

 F6FFFF

 002500

 000000

 44BD81

 44BD81

 31BD78

 57BD8A

 1EBD6E

 6ABD94

 0BBD65

 7DBD9D

 00BD5F

 90BDA6

 A3BDB0

 B5BDB9

 C8BDC3

 DBBDCC

 EEBDD5

Harmonies

Analogous

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



88B55A



44BD81



00C0B1

Triad

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



44BD81



68AAFF



FB8873

Complementary

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



44BD81



BD4480

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.



FF80A0



44BD81



B998F4

Square

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



44BD81



00B7FE



EA87CF



E19852

Rectangle

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



44BD81



00BFD1



EA87CF



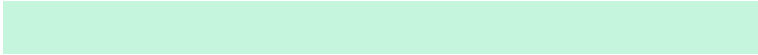
FF8481

Sweetspot

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



44BD81



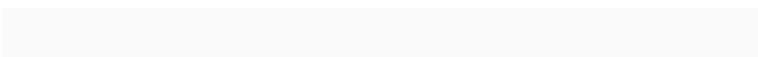
C6F5DE



81BD44



5E7A6C



FAFAFA



7A7A7A

Same Dimension

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



44BD81



38F597



44BDBD



555E5A



009E50



001F0F

Inverse Universe

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



BD4480



F53896



BD4444



5E555A



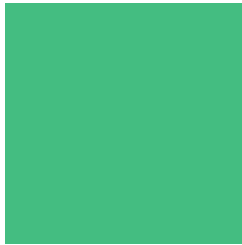
9E004E



1F000F

Previews

White Background



This preview shows how the Hex color 44BD81 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 44BD81 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

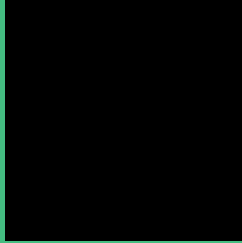
Any Text WCAG AA ✓ Pass

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 44BD81 Background



This preview shows how black text looks on a background with the Hex color 44BD81.

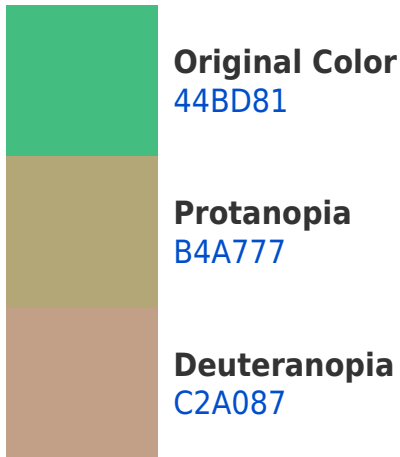


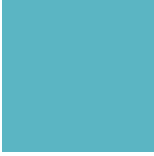
This preview shows how white text looks on a background with the Hex color 44BD81.

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](#).

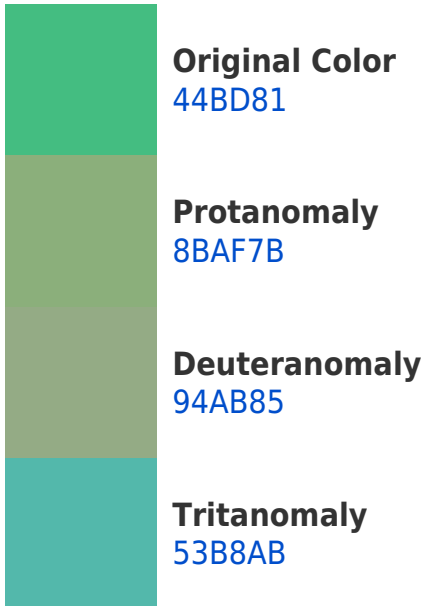
Dichromacy



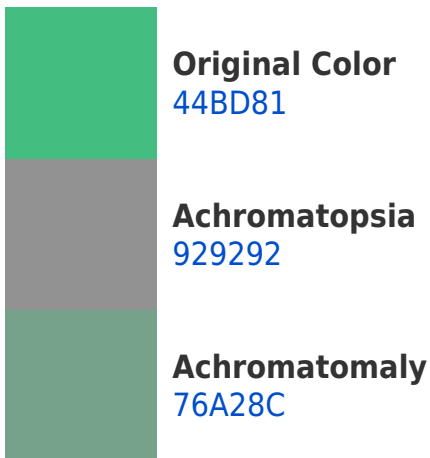


Tritanopia
5BB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BD81 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 #44BD81 looks like.

```
.text, #text, p{  
    color:#44BD81  
}
```

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 #44BD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BD81
}
```

Border

The CSS property to change the border of an element to Hex 44BD81 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
#44BD81 }
```

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

```
.border{ border-color:#44BD81 }
```

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

Here you see how a box with a 4 pixel #44BD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BD81; -webkit-box-shadow:4px 4px  
4px 4px #44BD81; box-shadow:4px 4px 4px  
4px #44BD81 }
```

Background

The CSS property to change the background color of an element to Hex 44BD81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BD81 }
```

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

```
.background{ background-color:#44BD81 }
```

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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