

Converting Colors

Hex(44BD89)

Have a look what the booklet for
Hex(44BD89) contains.

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Color

Hex(44BD89)

Conversions

Conversions Part 1

Format	Color
Hex	44BD89
RGB	68, 189, 137
RGB Percent	27%, 74%, 54%
CMY	0.7333, 0.2588, 0.4627
CMYK	0.64, 0.00, 0.28, 0.26
HSL	154°, 48%, 50%
HSV	154°, 64%, 74%
XYZ	25.0968, 39.4303, 29.9550
YIQ	146.8930, -55.4240, -41.8240

Conversions

Conversions Part 2

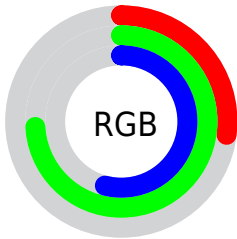
Format	Color
RYB	68, 145, 189
Decimal	4504969
CIELab	69.06, -45.87, 16.58
CIELCh	69, 48.778, 160.127
Yxy	39.4303, 0.2656, 0.4173
Android (android.graphics.Color)	4282695049 (0xFF44BD89)
YUV	146.8930, -4.8772, -69.1892
Hunter-Lab	62.7935, -38.5471, 15.6718

Details

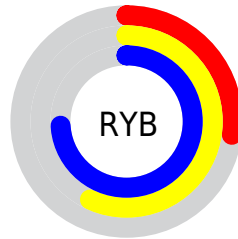
The Hex color **44BD89** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD4478**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **80F6BF**, and **008757** is the 20% darker color. If you saturate the color by 10%, you get **31BD81**, and if you desaturate by 10%, it is **57BD91**.

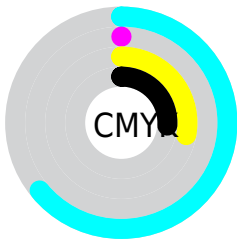
Distribution



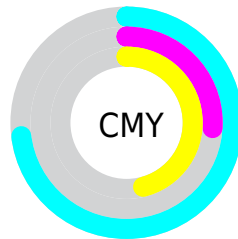
- Red (27%)
- Green (74%)
- Blue (54%)



- Red (27%)
- Yellow (57%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (28%)
- Black (26%)



- Cyan (73%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BD89 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 44BD89 by changing the saturation by 10% instead.

 44BD89

 44BD89

FFFFFF

 1FA16F

 80F6BF

 008757

 9DFFDA

 006D3F

 BBFFF7

 005329

 D8FFFF

 003B14

 F6FFFF

 002500

 000000

 44BD89

 44BD89

 31BD81

 57BD91

■ 1EBD79

■ 6ABD99

■ 0BBD71

■ 7DBDA1

■ 00BD6C

■ 90BDA9

■ A3BDB2

■ B5BDBA

■ C8BDC2

■ DBBDCA

■ EEBDD2

Harmonies

Analogous

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



85B663



44BD89



00BFB7

Triad

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



44BD89



7AA8FF



F58C72

Complementary

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



44BD89



BD4478

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.



FC849B



44BD89



C097EC

Square

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



44BD89



00B5FB



EB88C8



DB9C55

Rectangle

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



44BD89



00BED4



EB88C8



FA887F

Sweetspot

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



44BD89



C6F5E1



78BD44



5E7A6E



FAFAFA



7A7A7A

Same Dimension

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



44BD89



38F5A4



44B5BD



555E5A



009E5A



001F11

Inverse Universe

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



BD4478



F53889



BD4C44



5E5559



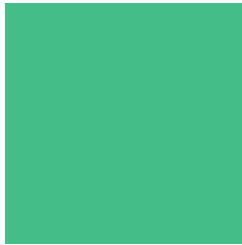
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 44BD89 looks on a white background.

Color Contrast Check

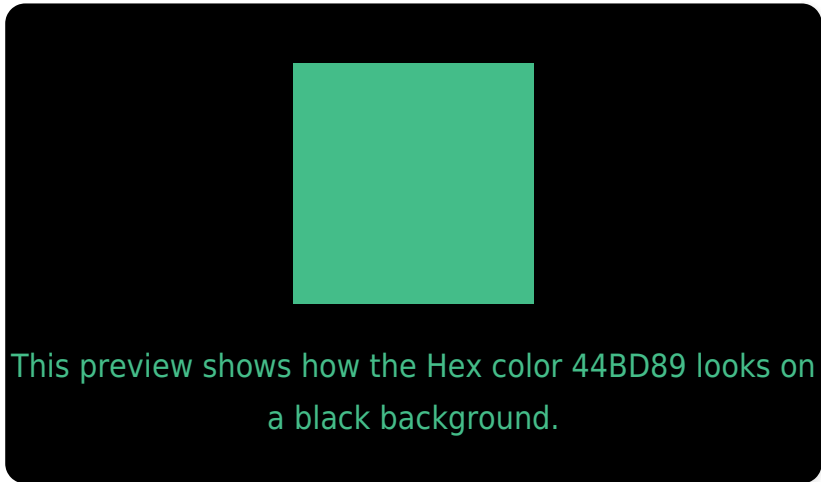
Large Text (above 18pt) WCAG AA × Fail

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

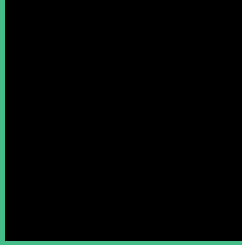
Any Text WCAG AA ✓ Pass

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 44BD89 Background



This preview shows how black text looks on a background with the Hex color 44BD89.

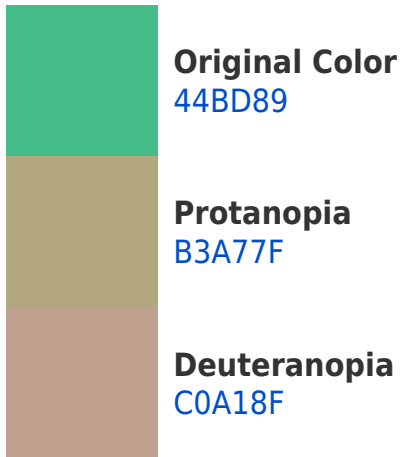


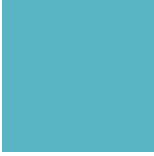
This preview shows how white text looks on a background with the Hex color 44BD89.

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](#).

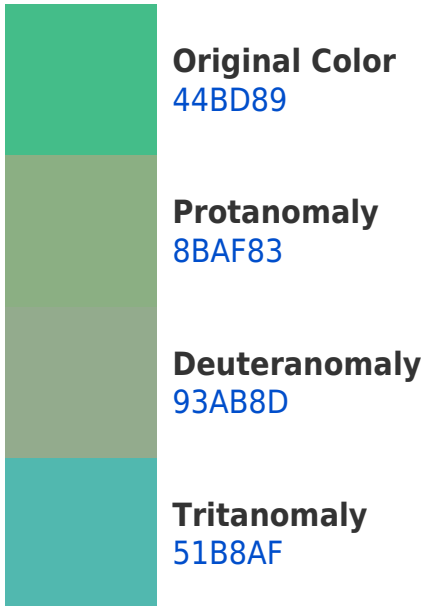
Dichromacy



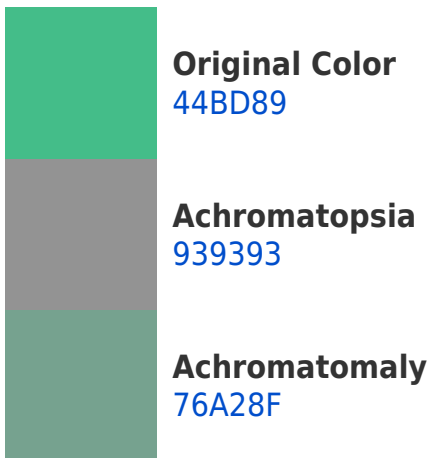


Tritanopia
59B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BD89 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 #44BD89 looks like.

```
.text, #text, p{  
    color:#44BD89  
}
```

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 #44BD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BD89
}
```

Border

The CSS property to change the border of an element to Hex 44BD89 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
#44BD89 }
```

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

```
.border{ border-color:#44BD89 }
```

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

Here you see how a box with a 4 pixel #44BD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BD89; -webkit-box-shadow:4px 4px  
4px 4px #44BD89; box-shadow:4px 4px 4px  
4px #44BD89 }
```

Background

The CSS property to change the background color of an element to Hex 44BD89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BD89 }
```

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

```
.background{ background-color:#44BD89 }
```

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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