

Converting Colors

Hex(44AFBB)

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

Hex(44AFBB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(44AFBB)

Conversions

Conversions Part 1

Format	Color
Hex	44AFBB
RGB	68, 175, 187
RGB Percent	27%, 69%, 73%
CMY	0.7333, 0.3137, 0.2667
CMYK	0.64, 0.06, 0.00, 0.27
HSL	186°, 47%, 50%
HSV	186°, 64%, 73%
XYZ	26.6835, 35.4767, 52.4550
YIQ	144.3750, -67.6240, -18.9520

Conversions

Conversions Part 2

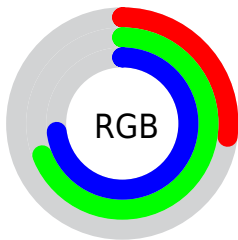
Format	Color
R _{YB}	68, 124, 187
Decimal	4501435
CIE Lab	66.12, -26.56, -15.20
CIE LCh	66, 30.606, 209.783
Yxy	35.4767, 0.2328, 0.3095
Android (android.graphics.Color)	4282691515 (0xFF44AFBB)
YUV	144.3750, 21.0141, -66.9809
Hunter-Lab	59.5624, -24.2674, -10.5215

Details

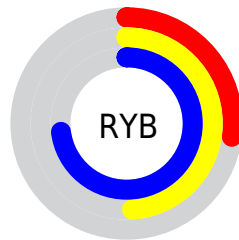
The Hex color **44AFBB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB5044**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **81E7F3**, and **007A86** is the 20% darker color. If you saturate the color by 10%, you get **31ADBB**, and if you desaturate by 10%, it is **57B1BB**.

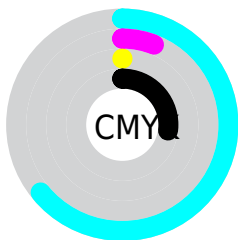
Distribution



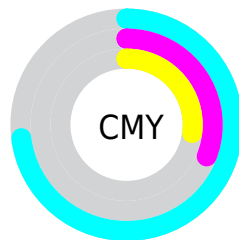
- Red (27%)
- Green (69%)
- Blue (73%)



- Red (27%)
- Yellow (49%)
- Blue (73%)



- Cyan (64%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 44AFBB

FFFFFF

■ 81E7F3

■ 9EFFFF

■ BCFFFF

■ DAFFFF

■ F8FFFF

■ 44AFBB

■ 44AFBB

■ 1D94A0

■ 007A86

■ 00616D

■ 004954

■ 00323D

■ 001F27

■ 000113

■ 000000

■ 44AFBB

■ 31ADBB

■ 57B1BB

■ 1FABBB

■ 69B3BB

■ 0CA9BB

■ 7CB5BB

■ 00A8BB

■ 8FB7BB

■ A2B8BB

■ B4BABB

■ C7BCBB

■ DABEBB

■ ECC0BB

Harmonies

Analogous

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



57B0A0



44AFBB



54ABCF

Triad

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



44AFBB



C391BD



B49F6A

Complementary

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



44AFBB



BB5044

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.



CA9672



44AFBB



D58CA2

Square

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



44AFBB



A49AD0



D68E87



97A770

Rectangle

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



44AFBB



6DA6D6



D68E87



BC9C6B

Sweetspot

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



44AFBB



C4EEF2



44BB50



5E787A



FAFAFA



7A7A7A

Same Dimension

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



44AFBB



3AE0F2



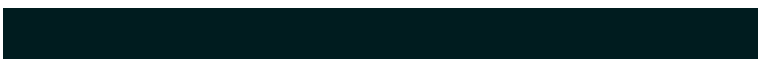
4474BB



555D5E



008E9E



001C1F

Inverse Universe

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



BB44AF



F23AE0



BB8B44



5E555D



9E008E



1F001C

Previews

White Background



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

Color Contrast Check

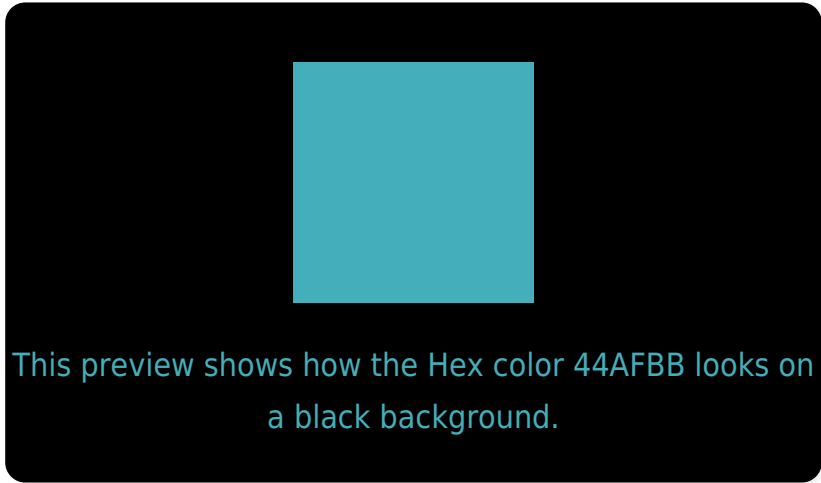
Large Text (above 18pt) WCAG AA × Fail

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

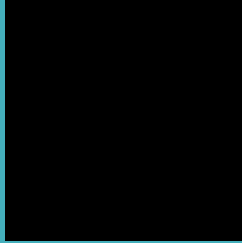
Any Text WCAG AA ✓ Pass

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 44AFBB Background



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

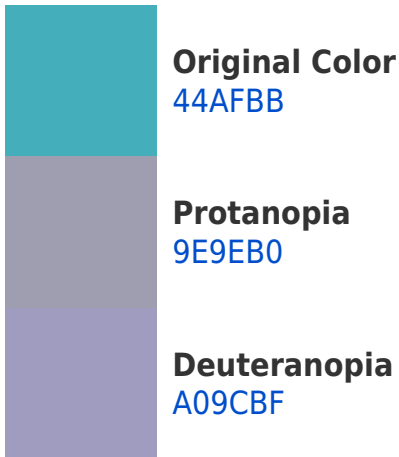


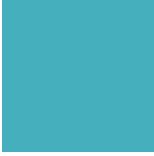
This preview shows how white text looks on a background with the Hex color 44AFBB.

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](#).

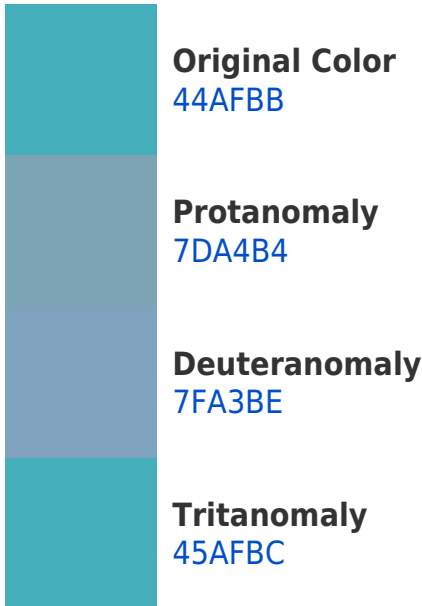
Dichromacy



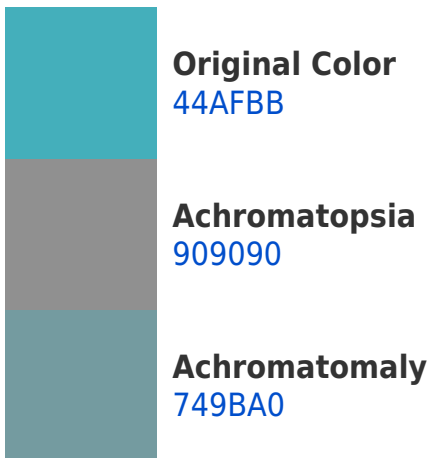


Tritanopia
45AFBD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #44AFBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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