

Converting Colors

Hex(44BBD9)

Have a look what the booklet for
Hex(44BBD9) contains.

Hex(44BBD9)	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(44BBD9)

Conversions

Conversions Part 1

Format	Color
Hex	44BBD9
RGB	68, 187, 217
RGB Percent	27%, 73%, 85%
CMY	0.7333, 0.2667, 0.1490
CMYK	0.69, 0.14, 0.00, 0.15
HSL	192°, 66%, 56%
HSV	192°, 69%, 85%
XYZ	32.6786, 41.7793, 71.9875
YIQ	154.8390, -80.5540, -15.8980

Conversions

Conversions Part 2

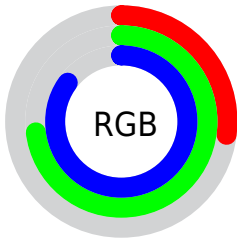
Format	Color
R _{YB}	68, 134, 217
Decimal	4504537
CIE Lab	70.72, -23.51, -24.72
CIE LCh	71, 34.113, 226.435
Yxy	41.7793, 0.2231, 0.2853
Android (android.graphics.Color)	4282694617 (0xFF44BBD9)
YUV	154.8390, 30.6454, -76.1578
Hunter-Lab	64.6369, -22.8701, -20.7867

Details

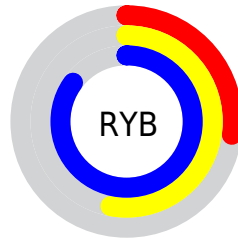
The Hex color **44BBD9** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D96244**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **85F3FF**, and **0086A2** is the 20% darker color. If you saturate the color by 10%, you get **2EB7D9**, and if you desaturate by 10%, it is **5ABFD9**.

Distribution



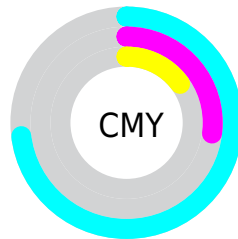
- Red (27%)
- Green (73%)
- Blue (85%)



- Red (27%)
- Yellow (53%)
- Blue (85%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (73%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BBD9 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 44BBD9 by changing the saturation by 10% instead.

 44BBD9

 44BBD9

FFFFFF

 14A0BD

 85F3FF

 0086A2

 A4FFFF

 006C88

 C2FFFF

 00546E

 E0FFFF

 003C56

 00263E

 000829

 000113

 000000

■ 44BBD9

■ 44BBD9

■ 2EB7D9

■ 5ABFD9

■ 19B2D9

■ 6FC4D9

■ 03AED9

■ 85C8D9

■ 00ADD9

■ 9BCCD9

■ B1D1D9

■ C6D5D9

■ DCDAD9

■ F2DED9

■ FFE2D9

Harmonies

Analogous

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



46BEBD



44BBD9



6CB4E9

Triad

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



44BBD9



E197BC



B1B171

Complementary

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



44BBD9



D96244

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.



CFA671



44BBD9



EB969D

Square

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



44BBD9



C69FD8



E39C81



8EB881

Rectangle

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



44BBD9



8DAEEA



E39C81



BCAD6F

Sweetspot

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



44BBD9



C9F4FF



44D962



607980



000000



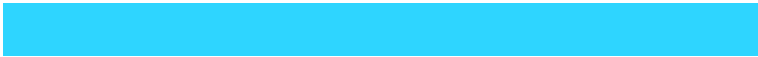
808080

Same Dimension

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



44BBD9



2ED5FF



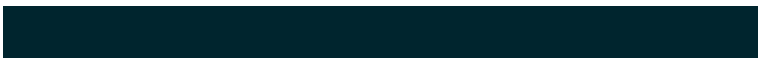
4471D9



636B6E



008AAD



00252E

Inverse Universe

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



D944BB



FF2ED5



D9AC44



6E636B



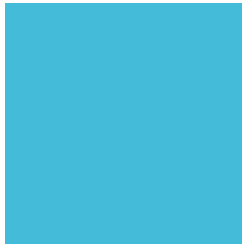
AD008A



2E0025

Previews

White Background



This preview shows how the Hex color 44BBD9 looks on a white background.

Color Contrast Check

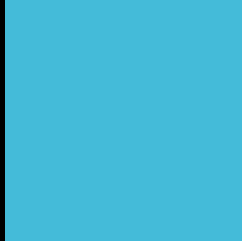
Large Text (above 18pt) WCAG AA × Fail

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 44BBD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

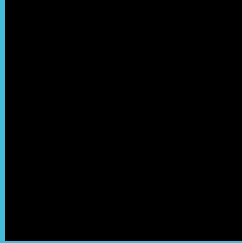
Any Text WCAG AA ✓ Pass

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 44BBD9 Background



This preview shows how black text looks on a background with the Hex color 44BBD9.

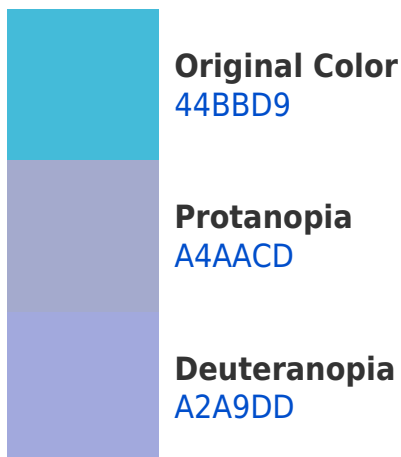


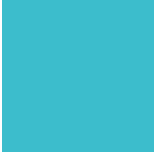
This preview shows how white text looks on a background with the Hex color 44BBD9.

Color Blindness Simulation

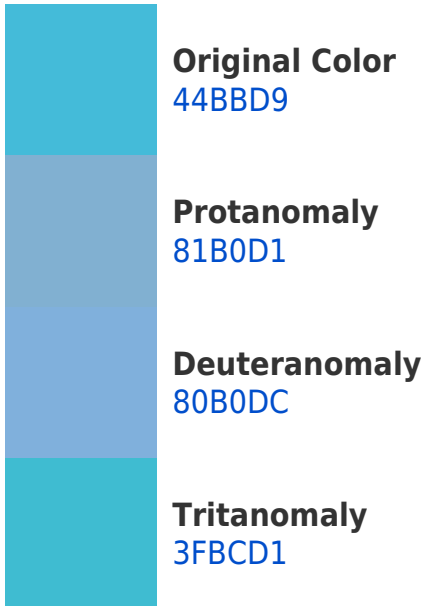
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

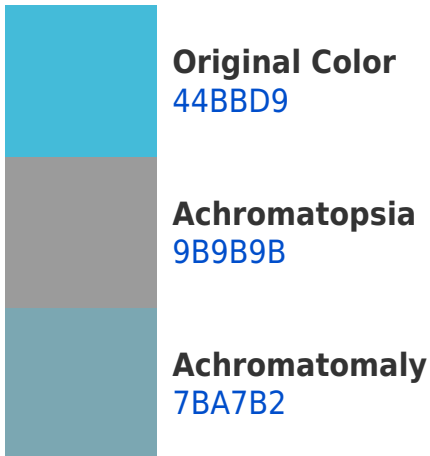




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BBD9 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 #44BBD9 looks like.

```
.text, #text, p{  
    color:#44BBD9  
}
```

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 #44BBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BBD9
}
```

Border

The CSS property to change the border of an element to Hex 44BBD9 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
#44BBD9 }
```

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

```
.border{ border-color:#44BBD9 }
```

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

Here you see how a box with a 4 pixel #44BBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BBD9; -webkit-box-shadow:4px 4px  
4px 4px #44BBD9; box-shadow:4px 4px 4px  
4px #44BBD9 }
```

Background

The CSS property to change the background color of an element to Hex 44BBD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BBD9 }
```

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

```
.background{ background-color:#44BBD9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor