

Converting Colors

Hex(44B8D9)

Have a look what the booklet for
Hex(44B8D9) contains.

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Color

Hex(44B8D9)

Conversions

Conversions Part 1

Format	Color
Hex	44B8D9
RGB	68, 184, 217
RGB Percent	27%, 72%, 85%
CMY	0.7333, 0.2784, 0.1490
CMYK	0.69, 0.15, 0.00, 0.15
HSL	193°, 66%, 56%
HSV	193°, 69%, 85%
XYZ	32.0488, 40.5197, 71.7776
YIQ	153.0780, -79.7290, -14.3290

Conversions

Conversions Part 2

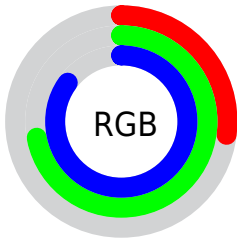
Format	Color
RYB	68, 133, 217
Decimal	4503769
CIELab	69.84, -21.98, -26.07
CIELCh	70, 34.096, 229.862
Yxy	40.5197, 0.2220, 0.2807
Android (android.graphics.Color)	4282693849 (0xFF44B8D9)
YUV	153.0780, 31.5135, -74.6134
Hunter-Lab	63.6551, -21.5260, -22.2970

Details

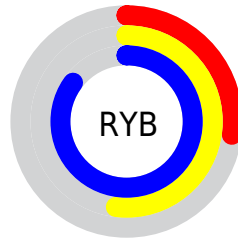
The Hex color **44B8D9** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D96544**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **85F0FF**, and **0083A2** is the 20% darker color. If you saturate the color by 10%, you get **2EB3D9**, and if you desaturate by 10%, it is **5ABDD9**.

Distribution



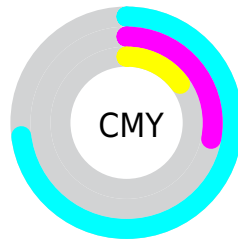
- Red (27%)
- Green (72%)
- Blue (85%)



- Red (27%)
- Yellow (52%)
- Blue (85%)



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



- Cyan (73%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44B8D9 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 44B8D9 by changing the saturation by 10% instead.

 44B8D9

 44B8D9

FFFFFF

 149DBD

 85F0FF

 0083A2

 A3FFFF

 006988

 C2FFFF

 00516E

 E0FFFF

 003A56

 00243E

 000329

 000113

 000000

■ 44B8D9

■ 44B8D9

■ 2EB3D9

■ 5ABDD9

■ 19AED9

■ 6FC2D9

■ 03AAD9

■ 85C6D9

■ 00A9D9

■ 9BCBD9

■ B1D0D9

■ C6D5D9

■ DCDAD9

■ F2DED9

■ FFE3D9

Harmonies

Analogous

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



41BBBF



44B8D9



6FB1E7

Triad

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



44B8D9



E094B6



ABAF70

Complementary

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



44B8D9



D96544

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.



C9A56E



44B8D9



E89497

Square

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



44B8D9



C89BD3



DF9B7D



87B782

Rectangle

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



44B8D9



90AAE7



DF9B7D



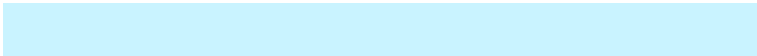
B6AC6D

Sweetspot

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



44B8D9



C9F3FF



44D964



607880



000000



808080

Same Dimension

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



44B8D9



2ED1FF



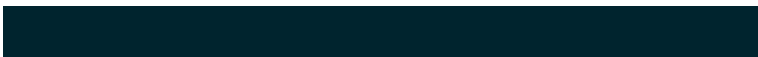
446ED9



636B6E



0087AD



00242E

Inverse Universe

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



D944B8



FF2ED1



D9AF44



6E636B



AD0087



2E0024

Previews

White Background



This preview shows how the Hex color 44B8D9 looks on a white background.

Color Contrast Check

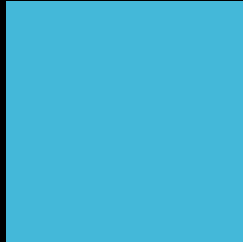
Large Text (above 18pt) WCAG AA × Fail

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 44B8D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

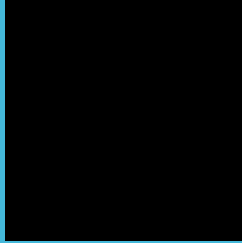
Any Text WCAG AA ✓ Pass

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 44B8D9 Background



This preview shows how black text looks on a background with the Hex color 44B8D9.

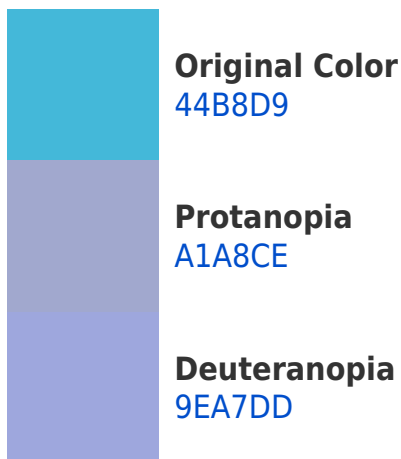


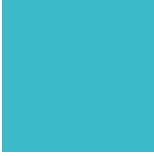
This preview shows how white text looks on a background with the Hex color 44B8D9.

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](#).

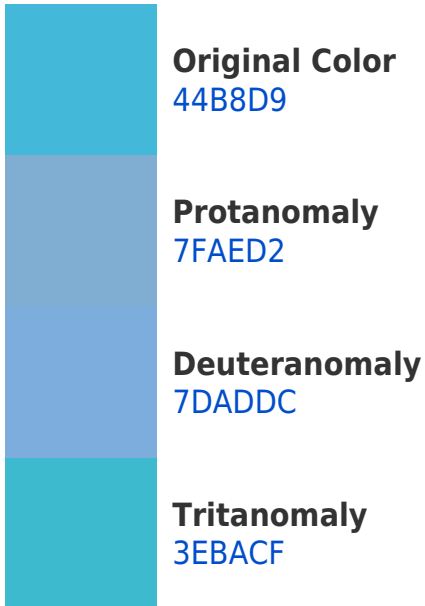
Dichromacy





Tritanopia
3BBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44B8D9 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 #44B8D9 looks like.

```
.text, #text, p{  
    color:#44B8D9  
}
```

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 #44B8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B8D9
}
```

Border

The CSS property to change the border of an element to Hex 44B8D9 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
#44B8D9 }
```

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

```
.border{ border-color:#44B8D9 }
```

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

Here you see how a box with a 4 pixel #44B8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B8D9; -webkit-box-shadow:4px 4px  
4px 4px #44B8D9; box-shadow:4px 4px 4px  
4px #44B8D9 }
```

Background

The CSS property to change the background color of an element to Hex 44B8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B8D9 }
```

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

```
.background{ background-color:#44B8D9 }
```

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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