

Converting Colors

Hex(44D9E9)

Have a look what the booklet for
Hex(44D9E9) contains.

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Color

Hex(44D9E9)

Conversions

Conversions Part 1

Format	Color
Hex	44D9E9
RGB	68, 217, 233
RGB Percent	27%, 85%, 91%
CMY	0.7333, 0.1490, 0.0863
CMYK	0.71, 0.07, 0.00, 0.09
HSL	186°, 79%, 59%
HSV	186°, 71%, 91%
XYZ	41.9047, 56.7378, 85.8337
YIQ	174.2730, -93.9400, -26.6120

Conversions

Conversions Part 2

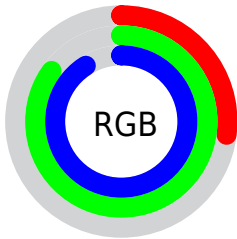
Format	Color
R _{YB}	68, 146, 233
Decimal	4512233
CIE Lab	80.03, -33.38, -19.18
CIE LCh	80, 38.500, 209.884
Yxy	56.7378, 0.2272, 0.3076
Android (android.graphics.Color)	4282702313 (0xFF44D9E9)
YUV	174.2730, 28.9524, -93.2014
Hunter-Lab	75.3245, -32.5144, -14.8349

Details

The Hex color **44D9E9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E95444**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **89FFFF**, and **00A2B1** is the 20% darker color. If you saturate the color by 10%, you get **2DD7E9**, and if you desaturate by 10%, it is **5BDBE9**.

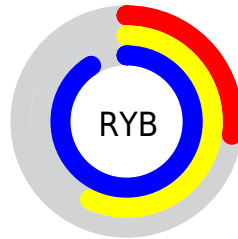
Distribution



Red (27%)

Green (85%)

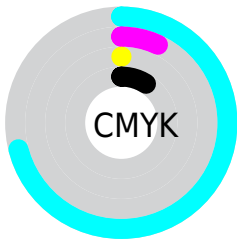
Blue (91%)



Red (27%)

Yellow (57%)

Blue (91%)

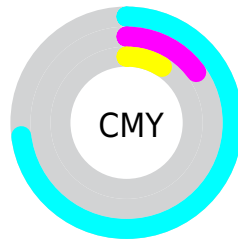


Cyan (71%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44D9E9 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 44D9E9 by changing the saturation by 10% instead.

 44D9E9

 44D9E9

FFFFFF

 02BDCD

 89FFFF

 00A2B1

 A9FFFF

 008797

 C8FFFF

 006D7D

 E7FFFF

 005464

 003C4C

 002735

 000220

 000005

■ 44D9E9

■ 44D9E9

■ 2DD7E9

■ 5BDBE9

■ 15D4E9

■ 73DEE9

■ 00D2E9

■ 8AE0E9

■ A1E2E9

■ B8E4E9

■ D0E7E9

■ E7E9E9

■ FEEBE9

■ FFEDE9

Harmonies

Analogous

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



63DAC5



44D9E9



5CD4FF

Triad

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



44D9E9



F4B1EB



DFC47E

Complementary

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



44D9E9



E95444

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.



FCB889



44D9E9



FFABC8

Square

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



44D9E9



CBBDFE



FFAEA4



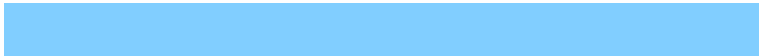
B9CF87

Rectangle

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



44D9E9



81CEFF



FFAEA4



EAC080

Sweetspot

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



44D9E9



C9FAFF



44E952



607C80



000000



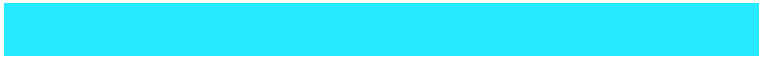
808080

Same Dimension

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



44D9E9



26EAFF



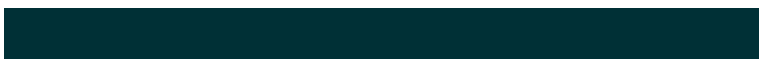
4489E9



6A7475



00A3B5



003036

Inverse Universe

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



E944D9



FF26EA



E9A444



756A74



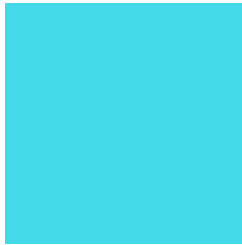
B500A3



360030

Previews

White Background



This preview shows how the Hex color 44D9E9 looks on a white background.

Color Contrast Check

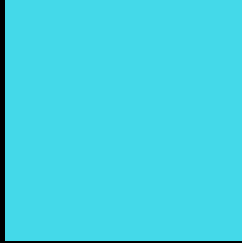
Large Text (above 18pt) WCAG AA × Fail

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 44D9E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

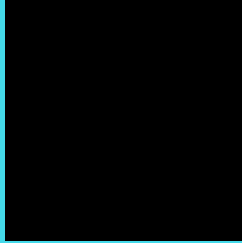
Any Text WCAG AA ✓ Pass

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 44D9E9 Background



This preview shows how black text looks on a background with the Hex color 44D9E9.

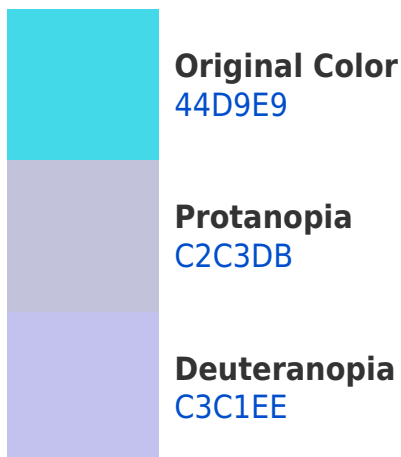


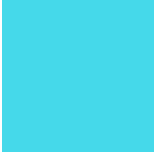
This preview shows how white text looks on a background with the Hex color 44D9E9.

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](#).

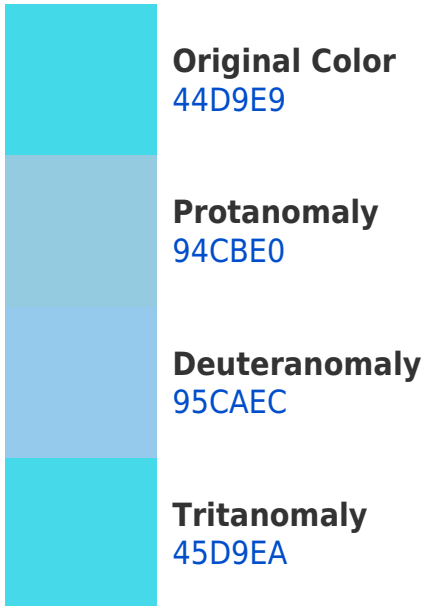
Dichromacy





Tritanopia
45D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44D9E9 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 #44D9E9 looks like.

```
.text, #text, p{  
    color:#44D9E9  
}
```

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 #44D9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D9E9
}
```

Border

The CSS property to change the border of an element to Hex 44D9E9 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
#44D9E9 }
```

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

```
.border{ border-color:#44D9E9 }
```

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

Here you see how a box with a 4 pixel #44D9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D9E9; -webkit-box-shadow:4px 4px  
4px 4px #44D9E9; box-shadow:4px 4px 4px  
4px #44D9E9 }
```

Background

The CSS property to change the background color of an element to Hex 44D9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D9E9 }
```

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

```
.background{ background-color:#44D9E9 }
```

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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