

Converting Colors

Hex(44D6DA)

Have a look what the booklet for
Hex(44D6DA) contains.

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Color

Hex(44D6DA)

Conversions

Conversions Part 1

Format	Color
Hex	44D6DA
RGB	68, 214, 218
RGB Percent	27%, 84%, 85%
CMY	0.7333, 0.1608, 0.1451
CMYK	0.69, 0.02, 0.00, 0.15
HSL	182°, 67%, 56%
HSV	182°, 69%, 85%
XYZ	39.0854, 54.3840, 74.7668
YIQ	170.8020, -88.3000, -29.7080

Conversions

Conversions Part 2

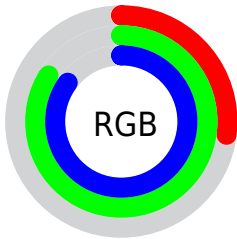
Format	Color
RYB	68, 142, 218
Decimal	4511450
CIELab	78.69, -36.31, -13.20
CIElCh	79, 38.633, 199.973
Yxy	54.3840, 0.2323, 0.3233
Android (android.graphics.Color)	4282701530 (0xFF44D6DA)
YUV	170.8020, 23.2686, -90.1574
Hunter-Lab	73.7455, -34.4491, -8.4892

Details

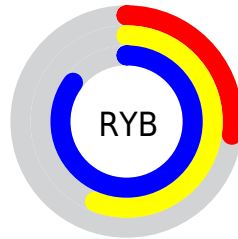
The Hex color **44D6DA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA4844**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **88FFFF**, and **009FA3** is the 20% darker color. If you saturate the color by 10%, you get **2ED5DA**, and if you desaturate by 10%, it is **5AD7DA**.

Distribution



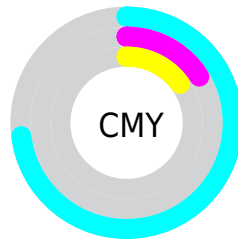
- Red (27%)
- Green (84%)
- Blue (85%)



- Red (27%)
- Yellow (56%)
- Blue (85%)



- Cyan (69%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (73%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44D6DA 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 44D6DA by changing the saturation by 10% instead.

 44D6DA

 44D6DA

FFFFFF

 0BBABE

 88FFFF

 009FA3

 A7FFFF

 008489

 C6FFFF

 006A70

 E5FFFF

 005157

 003A40

 00252A

 000116

 000000

44D6DA

44D6DA

2ED5DA

5AD7DA

18D5DA

70D7DA

03D4DA

85D8DA

00D4DA

9BD8DA

B1D9DA

C7D9DA

DDDADA

F2DBDA

FFDBDA

Harmonies

Analogous

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



6DD5B5



44D6DA



48D2F9

Triad

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



44D6DA



E4B1F1



E6BC7C

Complementary

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



44D6DA



DA4844

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.



FFB08D



44D6DA



FFA8D0

Square

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



44D6DA



B6BEFF



FFA8AC



C3C87E

Rectangle

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



44D6DA



69CFFF



FFA8AC



F0B880

Sweetspot

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



44D6DA



C9FEFF



44DA47



607F80



000000



808080

Same Dimension

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



44D6DA



2BF9FF



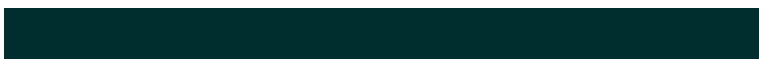
448DDA



636D6E



00A9AD



002D2E

Inverse Universe

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



DA44D6



FF2BF9



DA9244



6E636D



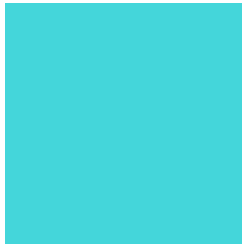
AD00A9



2E002D

Previews

White Background



This preview shows how the Hex color 44D6DA looks on a white background.

Color Contrast Check

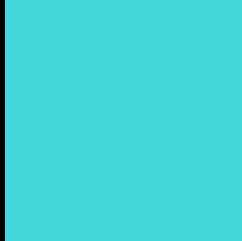
Large Text (above 18pt) WCAG AA × Fail

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 44D6DA 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

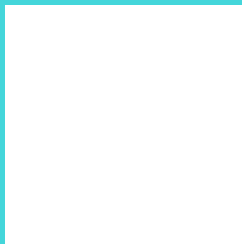
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 44D6DA Background



This preview shows how black text looks on a background with the Hex color 44D6DA.

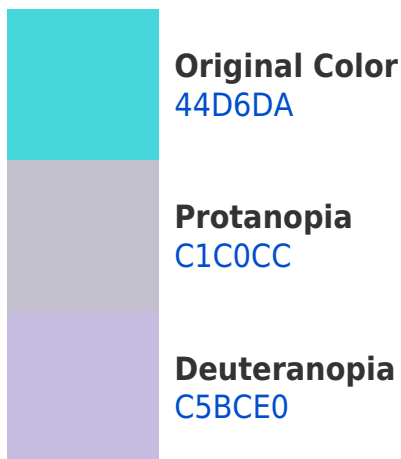


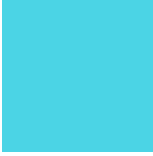
This preview shows how white text looks on a background with the Hex color 44D6DA.

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](#).

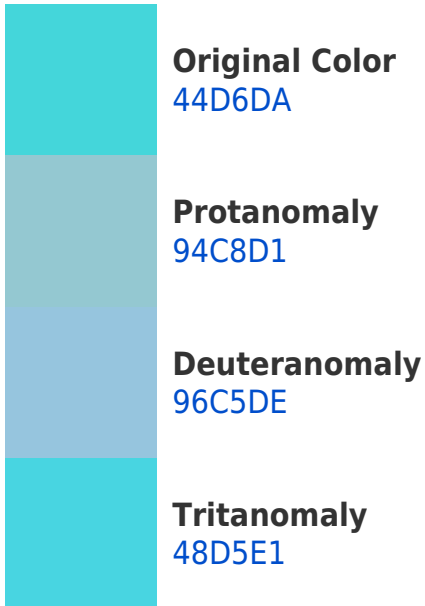
Dichromacy



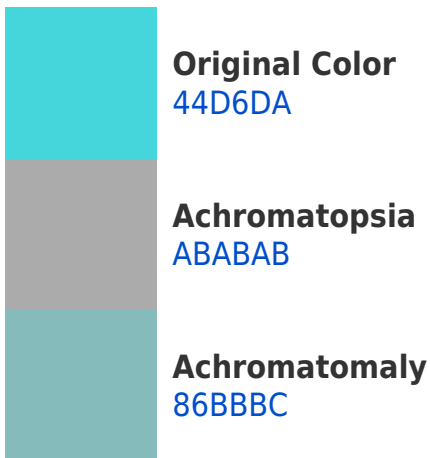


Tritanopia
4BD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44D6DA 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 #44D6DA looks like.

```
.text, #text, p{  
    color:#44D6DA  
}
```

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 #44D6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D6DA
}
```

Border

The CSS property to change the border of an element to Hex 44D6DA 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
#44D6DA }
```

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

```
.border{ border-color:#44D6DA }
```

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

Here you see how a box with a 4 pixel #44D6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D6DA; -webkit-box-shadow:4px 4px  
4px 4px #44D6DA; box-shadow:4px 4px 4px  
4px #44D6DA }
```

Background

The CSS property to change the background color of an element to Hex 44D6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D6DA }
```

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

```
.background{ background-color:#44D6DA }
```

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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