

# Converting Colors

Hex(44D7E4)

Have a look what the booklet for  
Hex(44D7E4) contains.

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# **Color**

**Hex(44D7E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44D7E4
RGB	68, 215, 228
RGB Percent	27%, 84%, 89%
CMY	0.7333, 0.1569, 0.1059
CMYK	0.70, 0.06, 0.00, 0.11
HSL	185°, 75%, 58%
HSV	185°, 70%, 89%
XYZ	40.6879, 55.4313, 81.9536
YIQ	172.5290, -91.7850, -27.1210

# Conversions

## Conversions Part 2

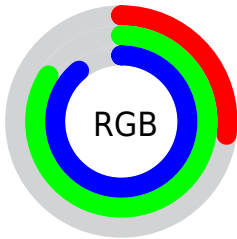
Format	Color
<a href="#">RYB</a>	<a href="#">68, 145, 228</a>
Decimal	<a href="#">4511716</a>
CIELab	<a href="#">79.29, -33.90, -17.64</a>
CIElCh	<a href="#">79, 38.212, 207.487</a>
Yxy	<a href="#">55.4313, 0.2285, 0.3113</a>
Android (android.graphics.Color)	<a href="#">4282701796 (0xFF44D7E4)</a>
YUV	<a href="#">172.5290, 27.3472, -91.6719</a>
Hunter-Lab	<a href="#">74.4522, -32.7415, -13.1473</a>

# Details

The Hex color **44D7E4** 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 **E45144**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **89FFFF**, and **00A0AD** is the 20% darker color. If you saturate the color by 10%, you get **2DD5E4**, and if you desaturate by 10%, it is **5BD9E4**.

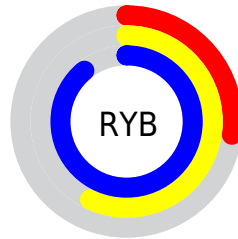
# Distribution



Red (27%)

Green (84%)

Blue (89%)



Red (27%)

Yellow (57%)

Blue (89%)

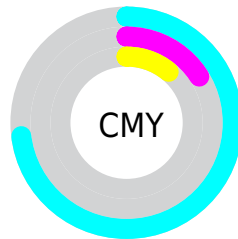


Cyan (70%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (16%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44D7E4 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 44D7E4 by changing the saturation by 10% instead.



 44D7E4

 44D7E4

FFFFFF

 06BBC8

 89FFFF

 00A0AD

 A8FFFF

 008592

 C7FFFF

 006B78

 E6FFFF

 005360

 003B48

 002631

 00021D

 000000

 44D7E4

 44D7E4

 2DD5E4

 5BD9E4

 16D3E4

 72DBE4

 00D1E4

 88DDE4

 9FDEE4

 B6E0E4

 CDE2E4

 E4E4E4

 FAE6E4

 FFE8E4

# Harmonies

## Analogous

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



65D8C0



44D7E4



58D2FF

# Triad

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



44D7E4



EFB0EB



DFC17D

# Complementary

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



44D7E4



E45144

# 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.



FBB58A



44D7E4



FFA9C9

# Square

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



44D7E4



C5BCFF



FFACA5



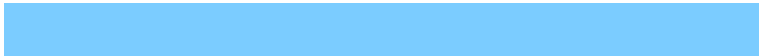
BBCC84

# Rectangle

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



44D7E4



7BCCFF



FFACA5



EABD7F



# Sweetspot

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



44D7E4



C9FBFF



44E44F



607D80



000000



808080



# Same Dimension

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



44D7E4



29EEFF



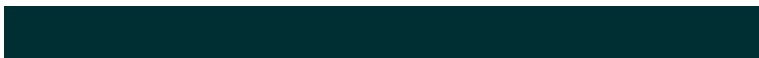
4489E4



677273



00A4B3



002F33



# Inverse Universe

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



E444D7



FF29EE



E49F44



736772



B300A4

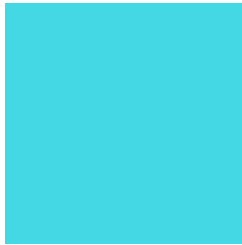


33002F



# Previews

## White Background



This preview shows how the Hex color 44D7E4 looks on a white background.

## Color Contrast Check

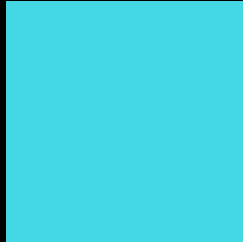
Large Text (above 18pt) WCAG AA × Fail

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 44D7E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

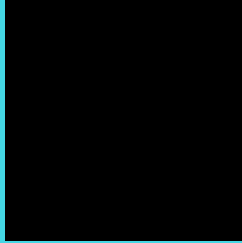
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44D7E4 Background



This preview shows how black text looks on a background with the Hex color 44D7E4.

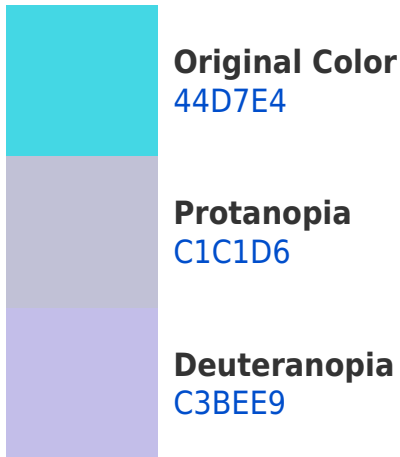


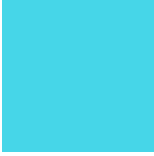
This preview shows how white text looks on a background with the Hex color 44D7E4.

# 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**  
46D6E8

# Trichromacy



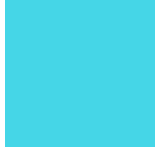
**Original Color**  
44D7E4



**Protanomaly**  
94C9DB



**Deuteranomaly**  
95C7E7

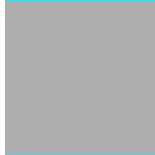


**Tritanomaly**  
45D6E7

# Monochromacy



**Original Color**  
44D7E4



**Achromatopsia**  
ADADAD



**Achromatomaly**  
87BCC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44D7E4 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 #44D7E4 looks like.

```
.text, #text, p{  
    color:#44D7E4  
}
```

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 #44D7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D7E4
}
```

## Border

The CSS property to change the border of an element to Hex 44D7E4 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
#44D7E4 }
```

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

```
.border{ border-color:#44D7E4 }
```

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

Here you see how a box with a 4 pixel #44D7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D7E4; -webkit-box-shadow:4px 4px  
4px 4px #44D7E4; box-shadow:4px 4px 4px  
4px #44D7E4 }
```

# Background

The CSS property to change the background color of an element to Hex 44D7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D7E4 }
```

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

```
.background{ background-color:#44D7E4 }
```

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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