

Converting Colors

Hex(44DDCB)

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

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Color

Hex(44DDCB)

Conversions

Conversions Part 1

Format	Color
Hex	44DDCB
RGB	68, 221, 203
RGB Percent	27%, 87%, 80%
CMY	0.7333, 0.1333, 0.2039
CMYK	0.69, 0.00, 0.08, 0.13
HSL	173°, 69%, 57%
HSV	173°, 69%, 87%
XYZ	39.0198, 57.2536, 65.4944
YIQ	173.2010, -85.4100, -38.0340

Conversions

Conversions Part 2

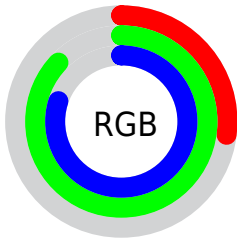
Format	Color
RYB	68, 149, 221
Decimal	4513227
CIELab	80.32, -43.57, -2.76
CIELCh	80, 43.660, 183.619
Yxy	57.2536, 0.2412, 0.3539
Android (android.graphics.Color)	4282703307 (0xFF44DDCB)
YUV	173.2010, 14.6909, -92.2613
Hunter-Lab	75.6661, -40.3661, 1.6466

Details

The Hex color **44DDCB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD4456**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **87FFFF**, and **00A595** is the 20% darker color. If you saturate the color by 10%, you get **2EDDC8**, and if you desaturate by 10%, it is **5ADDCE**.

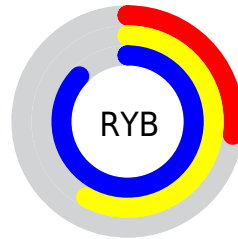
Distribution



Red (27%)

Green (87%)

Blue (80%)



Red (27%)

Yellow (58%)

Blue (87%)

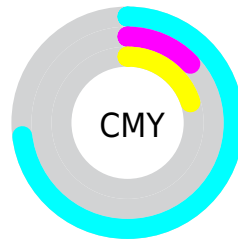


Cyan (69%)

Magenta (0%)

Yellow (8%)

Black (13%)



Cyan (73%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients

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

 44DDCB

 44DDCB

FFFFFF

 0CC1B0

 87FFFF

 00A595

 A7FFFF

 008A7B

 C5FFFF

 007062

 E4FFFF

 00574B

 003E34

 00291F

 000308

 000000

 44DDCB

 44DDCB

 2EDDC8

 5ADDCE

 18DDC6

 70DDD0

 02DDC3

 86DDD3

 00DDC3

 9CDDD5

 B3DDD8

 C9DDDB

 DFDDDD

 F5DDE0

 FFDDE2

Harmonies

Analogous

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



80DAA2



44DDCB



00DCF3

Triad

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



44DDCB



D2BBFF



FFB87F

Complementary

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



44DDCB



DD4456

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.



FFAC9C



44DDCB



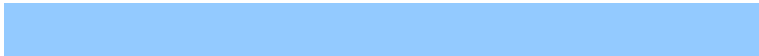
FFADEC

Square

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



44DDCB



93CAFF



FFA7C4



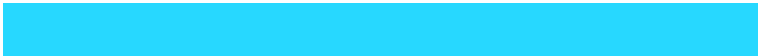
DDC675

Rectangle

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



44DDCB



27D8FF



FFA7C4



FFB487

Sweetspot

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



44DDCB



C9FFF9



58DD44



60807C



000000



808080

Same Dimension

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



44DDCB



2BFFE6



44A5DD



636E6C



00AD99



002E28

Inverse Universe

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



DD4456



FF2B44



DD7C44



6E6364



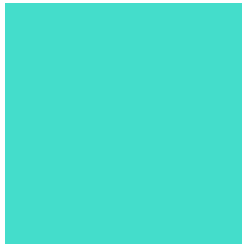
AD0014



2E0005

Previews

White Background



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

Color Contrast Check

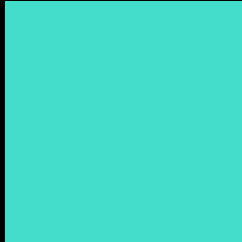
Large Text (above 18pt) WCAG AA × Fail

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 44DDCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

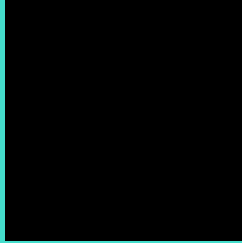
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

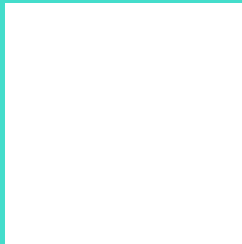
Any Text WCAG AAA ✓ Pass

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

Hex 44DDCB Background



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

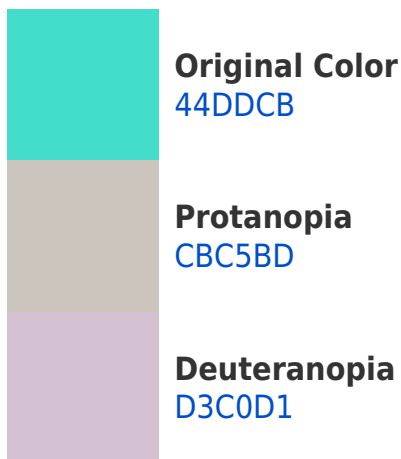


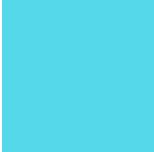
This preview shows how white text looks on a background with the Hex color 44DDCB.

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
54D8EA

Trichromacy



Original Color
44DDCB



Protanomaly
9ACEC2



Deuteranomaly
9FCBCF

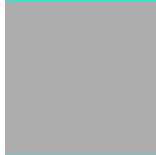


Tritanomaly
4EDADF

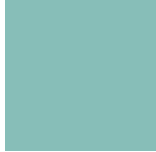
Monochromacy



Original Color
44DDCB



Achromatopsia
ADADAD



Achromatomaly
87BEB8

CSS Examples

Text

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

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

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 #44DDCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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