

# Converting Colors

Hex(42DBC6)

Have a look what the booklet for  
Hex(42DBC6) contains.

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**Color**

**Hex(42DBC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42DBC6
RGB	66, 219, 198
RGB Percent	26%, 86%, 78%
CMY	0.7412, 0.1412, 0.2235
CMYK	0.70, 0.00, 0.10, 0.14
HSL	172°, 68%, 56%
HSV	172°, 70%, 86%
XYZ	37.7713, 55.8985, 62.2248
YIQ	170.8590, -84.4470, -38.9670

# Conversions

## Conversions Part 2

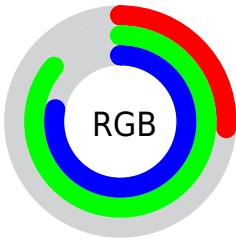
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 148, 219
Decimal	4381638
CIELab	79.56, -44.28, -1.22
CIELCh	80, 44.294, 181.577
Yxy	55.8985, 0.2423, 0.3586
Android (android.graphics.Color)	4282571718 (0xFF42DBC6)
YUV	170.8590, 13.3805, -91.9613
Hunter-Lab	74.7653, -40.6613, 2.9905

# Details

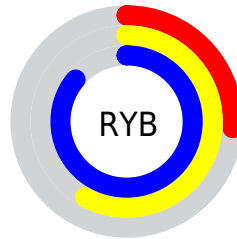
The Hex color **42DBC6** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DB4257**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **86FFFF**, and **00A390** is the 20% darker color. If you saturate the color by 10%, you get **2CDBC3**, and if you desaturate by 10%, it is **58DBC9**.

# Distribution



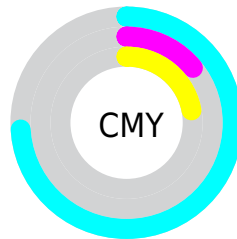
- Red (26%)
- Green (86%)
- Blue (78%)



- Red (26%)
- Yellow (58%)
- Blue (86%)



- Cyan (70%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (74%)
- Magenta (14%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42DBC6 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 42DBC6 by changing the saturation by 10% instead.



 42DBC6

 42DBC6


FFFFFF

 06BFAB

 86FFFF

 00A390

 A5FFFF

 008877

 C3FFFF

 006E5E

 E2FFFF

 005547

 003C30

 00271B

 000001

 000000

 42DBC6

 42DBC6

 2CDBC3

 58DBC9

 16DBC0

 6EDBCC

 00DBBD

 84DBCF

 9ADBD2

 B0DBD5

 C5DBD8

 DBDBDB

 F1DBDE

 FFDBE1

# Harmonies

## Analogous

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



80D89C



42DBC6



00DAEF

# Triad

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



42DBC6



CCBAFF



FFB57D

# Complementary

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



42DBC6



DB4257

# 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.



FFA99C



42DBC6



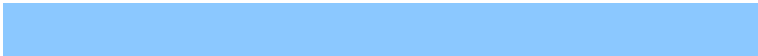
FBABED

# Square

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



42DBC6



8BC8FF



FFA5C5



DEC372

# Rectangle

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



42DBC6



04D6FF



FFA5C5



FFB086

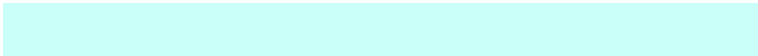


# Sweetspot

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



42DBC6



C9FFF8



59DB42



60807B



000000



808080



# Same Dimension

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



42DBC6



29FFE2



42A5DB



636E6C



00AD96



002E28



# Inverse Universe

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



DB4257



FF2946



DB7842



6E6364



AD0018

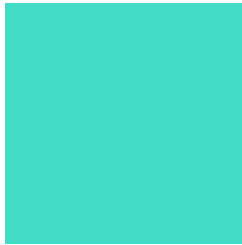


2E0006



# Previews

## White Background



This preview shows how the Hex color 42DBC6 looks on a white background.

## Color Contrast Check

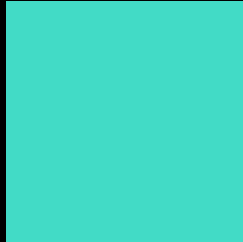
Large Text (above 18pt) WCAG AA × Fail

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 42DBC6 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 42DBC6 Background



This preview shows how black text looks on a background with the Hex color 42DBC6.



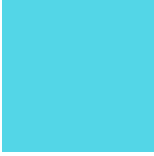
This preview shows how white text looks on a background with the Hex color 42DBC6.

# 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](#).

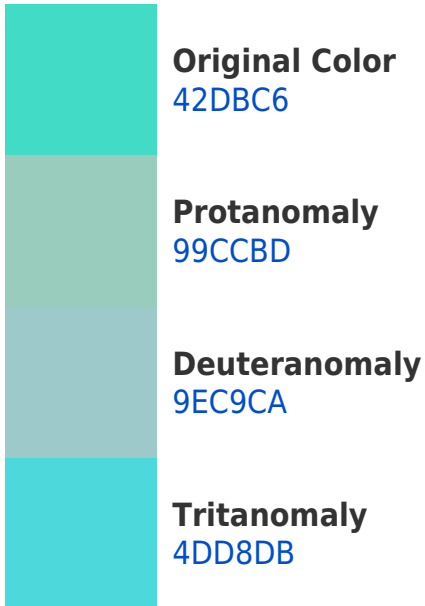
## Dichromacy





**Tritanopia**  
53D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42DBC6 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 #42DBC6 looks like.

```
.text, #text, p{  
    color:#42DBC6  
}
```

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 #42DBC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42DBC6  
}
```

## Border

The CSS property to change the border of an element to Hex 42DBC6 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  
#42DBC6 }
```

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

```
.border{ border-color:#42DBC6 }
```

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

Here you see how a box with a 4 pixel #42DBC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42DBC6; -webkit-box-shadow:4px 4px  
4px 4px #42DBC6; box-shadow:4px 4px 4px  
4px #42DBC6 }
```

# Background

The CSS property to change the background color of an element to Hex 42DBC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42DBC6 }
```

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

```
.background{ background-color:#42DBC6 }
```

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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