

Converting Colors

Hex(42C8B4)

Have a look what the booklet for
Hex(42C8B4) contains.

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Color

Hex(42C8B4)

Conversions

Conversions Part 1

Format	Color
Hex	42C8B4
RGB	66, 200, 180
RGB Percent	26%, 78%, 71%
CMY	0.7412, 0.2157, 0.2941
CMYK	0.67, 0.00, 0.10, 0.22
HSL	171°, 55%, 52%
HSV	171°, 67%, 78%
XYZ	31.1393, 45.7621, 50.3718
YIQ	157.6540, -73.4440, -34.6280

Conversions

Conversions Part 2

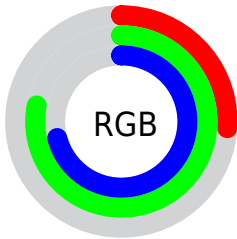
Format	Color
R _{YB}	66, 138, 200
Decimal	4376756
CIE Lab	73.39, -40.62, -0.56
CIE LCh	73, 40.621, 180.789
Yxy	45.7621, 0.2447, 0.3596
Android (android.graphics.Color)	4282566836 (0xFF42C8B4)
YUV	157.6540, 11.0166, -80.3806
Hunter-Lab	67.6477, -36.2172, 3.2049

Details

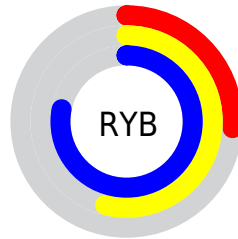
The Hex color **42C8B4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C84256**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **82FFEC**, and **00917F** is the 20% darker color. If you saturate the color by 10%, you get **2EC8B1**, and if you desaturate by 10%, it is **56C8B7**.

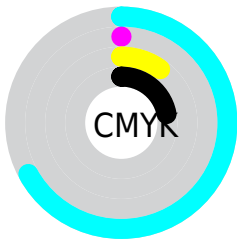
Distribution



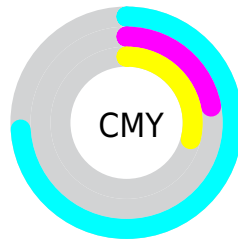
- Red (26%)
- Green (78%)
- Blue (71%)



- Red (26%)
- Yellow (54%)
- Blue (78%)



- Cyan (67%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (74%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42C8B4 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 42C8B4 by changing the saturation by 10% instead.



42C8B4



42C8B4

FFFFFF



14AC99



82FFEC



00917F



A0FFFF



007766



BEFFFF



005D4E



DCFFFF



004538



FBFFFF



002E22



00140D



000000



42C8B4



42C8B4

■ 2EC8B1

■ 56C8B7

■ 1AC8AE

■ 6AC8BA

■ 06C8AB

■ 7EC8BD

■ 00C8AA

■ 92C8C0

■ A6C8C3

■ BAC8C6

■ CEC8C9

■ E2C8CC

■ F6C8CF

Harmonies

Analogous

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



78C58F



42C8B4



00C7D9

Triad

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



42C8B4



BAAAF4



EAA574

Complementary

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



42C8B4



C84256

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.



FB9A90



42C8B4



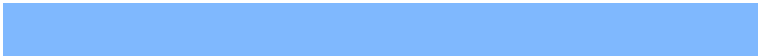
E49DD9

Square

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



42C8B4



7FB8FE



FA97B5



CCB269

Rectangle

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



42C8B4



17C4ED



FA97B5



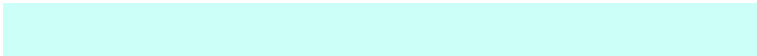
F1A17C

Sweetspot

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



42C8B4



CCFFF7



56C842



61807B



000000



808080

Same Dimension

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



42C8B4



33FFE1



4299C8



5A6362



00A38B



00241E

Inverse Universe

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



C84256



FF3351



C87142



635A5B



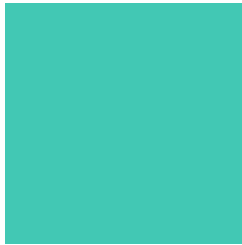
A30018



240005

Previews

White Background



This preview shows how the Hex color 42C8B4 looks on a white background.

Color Contrast Check

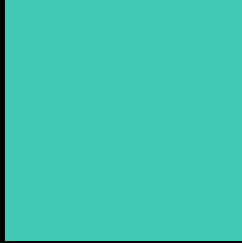
Large Text (above 18pt) WCAG AA × Fail

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 42C8B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

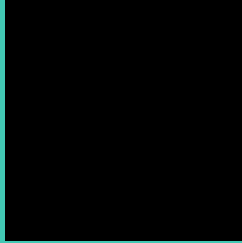
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

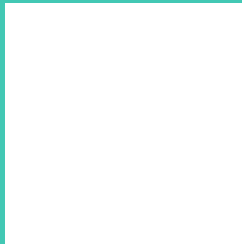
Any Text WCAG AAA ✓ Pass

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

Hex 42C8B4 Background



This preview shows how black text looks on a background with the Hex color 42C8B4.



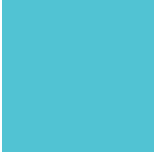
This preview shows how white text looks on a background with the Hex color 42C8B4.

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](#).

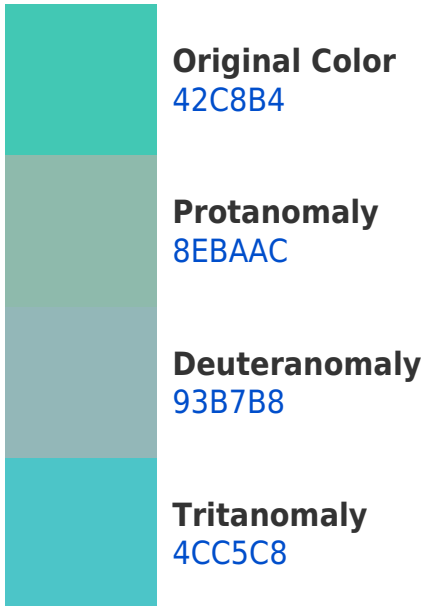
Dichromacy



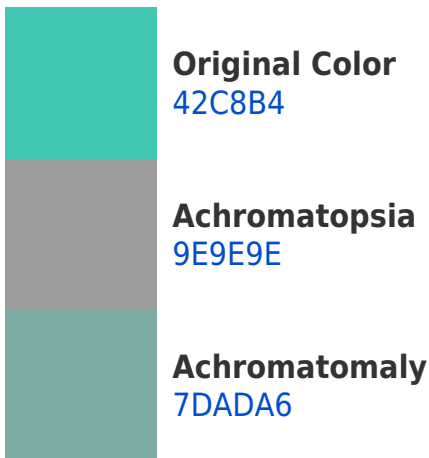


Tritanopia
51C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42C8B4 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 #42C8B4 looks like.

```
.text, #text, p{  
    color:#42C8B4  
}
```

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 #42C8B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C8B4
}
```

Border

The CSS property to change the border of an element to Hex 42C8B4 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
#42C8B4 }
```

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

```
.border{ border-color:#42C8B4 }
```

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

Here you see how a box with a 4 pixel #42C8B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C8B4; -webkit-box-shadow:4px 4px  
4px 4px #42C8B4; box-shadow:4px 4px 4px  
4px #42C8B4 }
```

Background

The CSS property to change the background color of an element to Hex 42C8B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C8B4 }
```

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

```
.background{ background-color:#42C8B4 }
```

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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