

# Converting Colors

Hex(42A8C8)

Have a look what the booklet for  
Hex(42A8C8) contains.

<b>Hex(42A8C8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(42A8C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42A8C8
RGB	66, 168, 200
RGB Percent	26%, 66%, 78%
CMY	0.7412, 0.3412, 0.2157
CMYK	0.67, 0.16, 0.00, 0.22
HSL	194°, 55%, 52%
HSV	194°, 67%, 78%
XYZ	26.6747, 33.3336, 59.6717
YIQ	141.1500, -71.0640, -11.6720

# Conversions

## Conversions Part 2

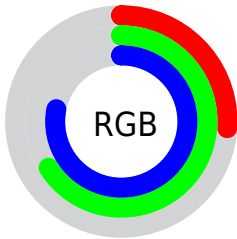
Format	Color
<a href="#">RYB</a>	66, 124, 200
Decimal	4368584
CIELab	64.43, -19.32, -25.00
CIELCh	64, 31.594, 232.295
Yxy	33.3336, 0.2229, 0.2785
Android (android.graphics.Color)	4282558664 (0xFF42A8C8)
YUV	141.1500, 29.0130, -65.9066
Hunter-Lab	57.7353, -18.5666, -20.8639

# Details

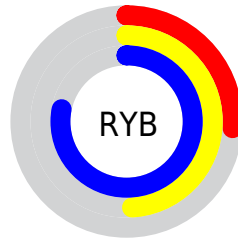
The Hex color **42A8C8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C86242**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **80DFFF**, and **007492** is the 20% darker color. If you saturate the color by 10%, you get **2EA3C8**, and if you desaturate by 10%, it is **56ADC8**.

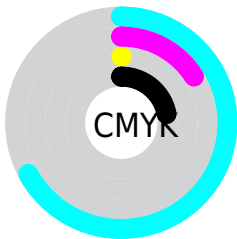
# Distribution



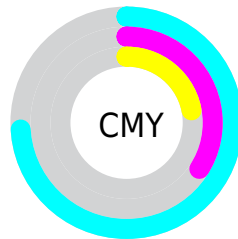
- Red (26%)
- Green (66%)
- Blue (78%)



- Red (26%)
- Yellow (49%)
- Blue (78%)



- Cyan (67%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (34%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42A8C8 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 42A8C8 by changing the saturation by 10% instead.



■ 42A8C8

■ 42A8C8

FFFFFF

■ 178DAD

■ 80DFFF

■ 007492

■ 9EFCFF

■ 005B78

■ BCFFFF

■ 00435F

■ DAFFFF

■ 002D47

■ F8FFFF

■ 001A31

■ 00011C

■ 000000

■ 42A8C8

■ 42A8C8

■ 2EA3C8

■ 56ADC8

■ 1A9EC8

■ 6AB2C8

■ 069AC8

■ 7EB6C8

■ 0098C8

■ 92BBC8

■ A6C0C8

■ BAC5C8

■ CEC9C8

■ E2CEC8

■ F6D3C8

# Harmonies

## Analogous

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



3BABB1



42A8C8



6AA1D4

# Triad

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



42A8C8



CE87A5



9AA167

# Complementary

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



42A8C8



C86242

# 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.



B69864



42A8C8



D48888

# Square

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



42A8C8



B98EBF



CB8E71



79A879

# Rectangle

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



42A8C8



889BD3



CB8E71



A49E65

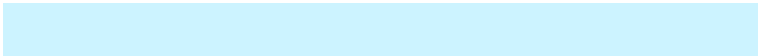


# Sweetspot

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



42A8C8



CCF3FF



42C861



617880



000000



808080



# Same Dimension

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



42A8C8



33CEFF



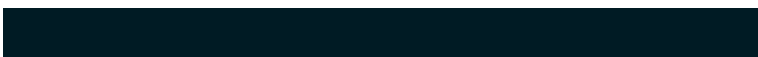
4266C8



5A6163



007CA3



001B24



# Inverse Universe

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



C842A8



FF33CE



C8A442



635A61



A3007C



24001B



# Previews

## White Background



This preview shows how the Hex color 42A8C8 looks on a white background.

## Color Contrast Check

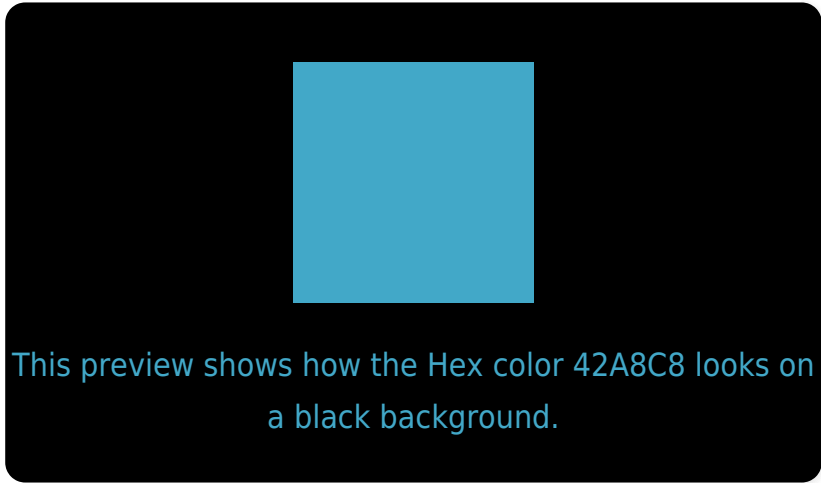
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

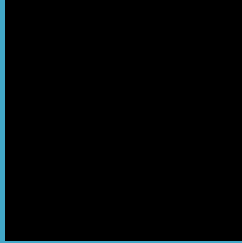
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42A8C8 Background



This preview shows how black text looks on a background with the Hex color 42A8C8.



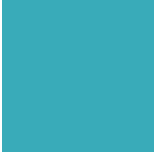
This preview shows how white text looks on a background with the Hex color 42A8C8.

# 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](#).

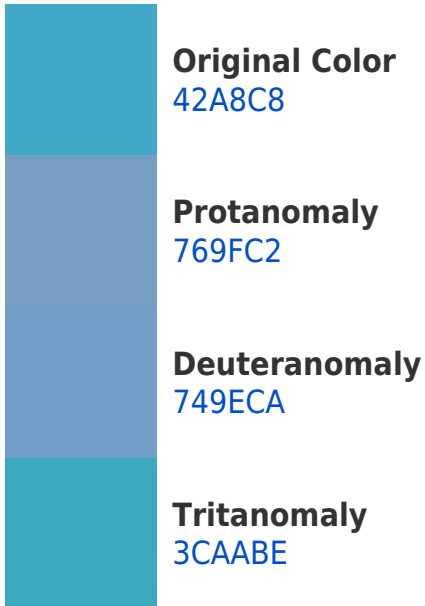
## Dichromacy





**Tritanopia**  
39ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42A8C8 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 #42A8C8 looks like.

```
.text, #text, p{  
    color:#42A8C8  
}
```

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 #42A8C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A8C8
}
```

## Border

The CSS property to change the border of an element to Hex 42A8C8 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
#42A8C8 }
```

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

```
.border{ border-color:#42A8C8 }
```

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

Here you see how a box with a 4 pixel #42A8C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A8C8; -webkit-box-shadow:4px 4px  
4px 4px #42A8C8; box-shadow:4px 4px 4px  
4px #42A8C8 }
```

# Background

The CSS property to change the background color of an element to Hex 42A8C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A8C8 }
```

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

```
.background{ background-color:#42A8C8 }
```

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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