

Converting Colors

Hex(42A0C0)

Have a look what the booklet for
Hex(42A0C0) contains.

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Color

Hex(42A0C0)

Conversions

Conversions Part 1

Format	Color
Hex	42A0C0
RGB	66, 160, 192
RGB Percent	26%, 63%, 75%
CMY	0.7412, 0.3725, 0.2471
CMYK	0.66, 0.17, 0.00, 0.25
HSL	195°, 50%, 51%
HSV	195°, 66%, 75%
XYZ	24.3320, 30.1056, 54.3977
YIQ	135.5420, -66.2960, -9.9760

Conversions

Conversions Part 2

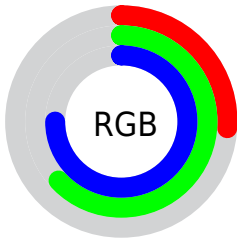
Format	Color
RYB	66, 120, 192
Decimal	4366528
CIELab	61.75, -17.63, -24.65
CIELCh	62, 30.308, 234.433
Yxy	30.1056, 0.2236, 0.2766
Android (android.graphics.Color)	4282556608 (0xFF42A0C0)
YUV	135.5420, 27.8338, -60.9883
Hunter-Lab	54.8686, -16.8625, -20.3731

Details

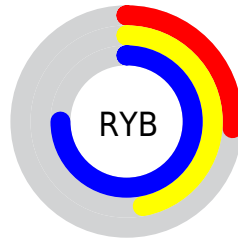
The Hex color **42A0C0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C06242**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7FD7F8**, and **006C8A** is the 20% darker color. If you saturate the color by 10%, you get **2F9BC0**, and if you desaturate by 10%, it is **55A5C0**.

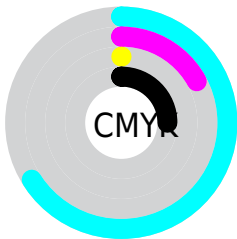
Distribution



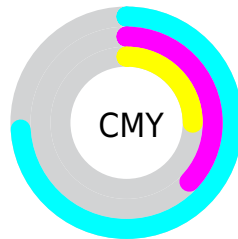
- Red (26%)
- Green (63%)
- Blue (75%)



- Red (26%)
- Yellow (47%)
- Blue (75%)



- Cyan (66%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (74%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42A0C0 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 42A0C0 by changing the saturation by 10% instead.

■ 42A0C0

■ 42A0C0

FFFFFF

■ 1B86A5

■ 7FD7F8

■ 006C8A

■ 9CF3FF

■ 005471

■ BAFFFF

■ 003D58

■ D7FFFF

■ 002741

■ F5FFFF

■ 000E2B

■ 000115

■ 000000

■ 42A0C0

■ 42A0C0

■ 2F9BC0

■ 55A5C0

■ 1C96C0

■ 68AAC0

■ 0891C0

■ 7CAFC0

■ 008FC0

■ 8FB4C0

■ A2B8C0

■ B5BDC0

■ C8C2C0

■ DCC7C0

■ EFCCC0

Harmonies

Analogous

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



38A3AA



42A0C0



6899CA

Triad

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



42A0C0



C6819B



919A64

Complementary

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



42A0C0



C06242

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.



AC9260



42A0C0



CA8280

Square

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



42A0C0



B287B5



C0896A



72A075

Rectangle

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



42A0C0



8493C9



C0896A



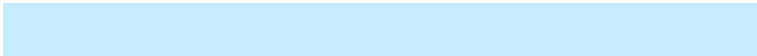
9A9861

Sweetspot

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



42A0C0



C8EDFA



42C062



5F757D



FCFCFC



7D7D7D

Same Dimension

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



42A0C0



34C8FA



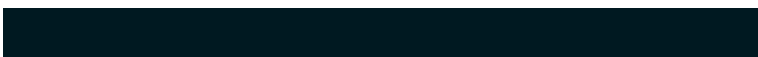
4262C0



575E61



0078A1



001921

Inverse Universe

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



C042A0



FA34C8



C0A142



61575E



A10078



210019

Previews

White Background



This preview shows how the Hex color 42A0C0 looks on a white background.

Color Contrast Check

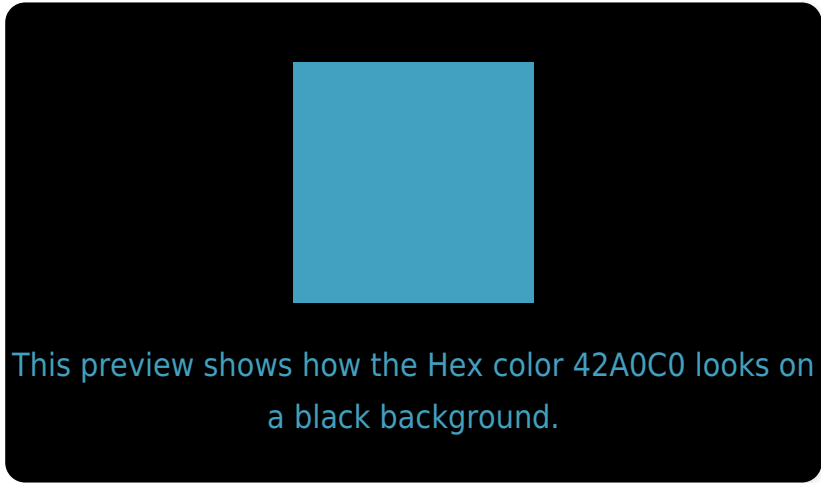
Large Text (above 18pt) WCAG AA × Fail

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

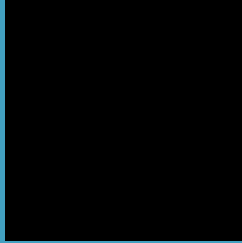
Any Text WCAG AA ✓ Pass

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 42A0C0 Background



This preview shows how black text looks on a background with the Hex color 42A0C0.

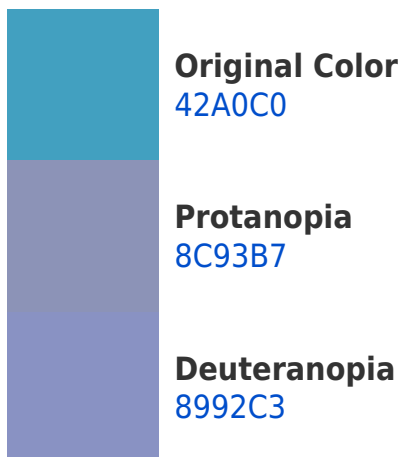


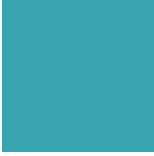
This preview shows how white text looks on a background with the Hex color 42A0C0.

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](#).

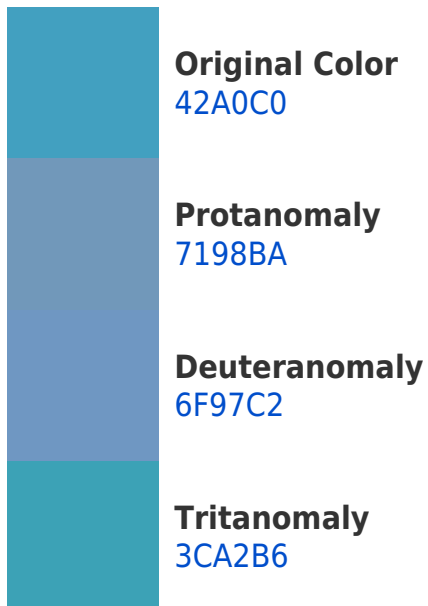
Dichromacy



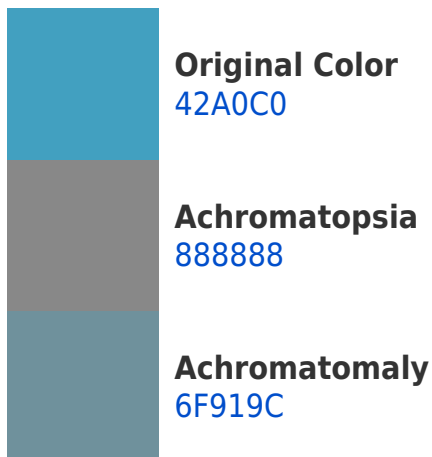


Tritanopia
39A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42A0C0 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 #42A0C0 looks like.

```
.text, #text, p{  
    color:#42A0C0  
}
```

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 #42A0C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A0C0
}
```

Border

The CSS property to change the border of an element to Hex 42A0C0 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
#42A0C0 }
```

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

```
.border{ border-color:#42A0C0 }
```

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

Here you see how a box with a 4 pixel #42A0C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A0C0; -webkit-box-shadow:4px 4px  
4px 4px #42A0C0; box-shadow:4px 4px 4px  
4px #42A0C0 }
```

Background

The CSS property to change the background color of an element to Hex 42A0C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A0C0 }
```

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

```
.background{ background-color:#42A0C0 }
```

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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