

Converting Colors

Hex(42A8A4)

Have a look what the booklet for
Hex(42A8A4) contains.

Hex(42A8A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(42A8A4)

Conversions

Conversions Part 1

Format	Color
Hex	42A8A4
RGB	66, 168, 164
RGB Percent	26%, 66%, 64%
CMY	0.7412, 0.3412, 0.3569
CMYK	0.61, 0.00, 0.02, 0.34
HSL	178°, 44%, 46%
HSV	178°, 61%, 66%
XYZ	22.9502, 31.8439, 40.0588
YIQ	137.0460, -59.5080, -22.8680

Conversions

Conversions Part 2

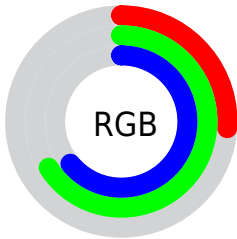
Format	Color
RYB	66, 118, 168
Decimal	4368548
CIELab	63.21, -30.09, -6.73
CIELCh	63, 30.830, 192.618
Yxy	31.8439, 0.2420, 0.3357
Android (android.graphics.Color)	4282558628 (0xFF42A8A4)
YUV	137.0460, 13.2883, -62.3073
Hunter-Lab	56.4304, -26.1571, -2.5876

Details

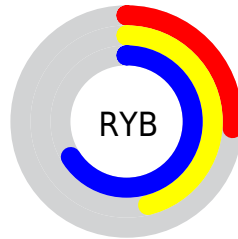
The Hex color **42A8A4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A84246**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7DE0DB**, and **007370** is the 20% darker color. If you saturate the color by 10%, you get **31A8A3**, and if you desaturate by 10%, it is **53A8A5**.

Distribution



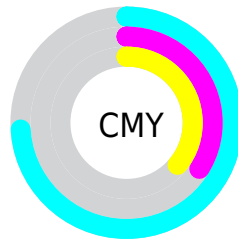
- Red (26%)
- Green (66%)
- Blue (64%)



- Red (26%)
- Yellow (46%)
- Blue (66%)



- Cyan (61%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (74%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42A8A4 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 42A8A4 by changing the saturation by 10% instead.



42A8A4



42A8A4

FFFFFF



1E8D8A



7DE0DB



007370



9AFCF7



005A58



B7FFFF



004241



D4FFFF



002B2B



F2FFFF



001417



000000



42A8A4



42A8A4



31A8A3



53A8A5

■ 20A8A3

■ 64A8A5

■ 10A8A2

■ 74A8A6

■ 00A8A1

■ 85A8A7

■ 96A8A7

■ A7A8A8

■ B8A8A9

■ C8A8A9

■ D9A8AA

Harmonies

Analogous

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



61A788



42A8A4



3BA6BD

Triad

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



42A8A4



AB8EC1



BA9265

Complementary

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



42A8A4



A84246

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.



CB8975



42A8A4



C586AA

Square

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



42A8A4



8598CE



CF848E



A09B63

Rectangle

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



42A8A4



4DA3C9



CF848E



C18F69

Sweetspot

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



42A8A4



B4DBDA



47A842



566E6D



EDEDED



6E6E6E

Same Dimension

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



42A8A4



3BDBD5



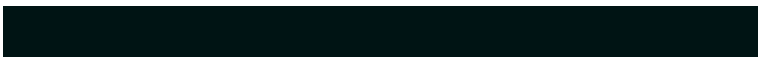
427AA8



4C5454



00948E



001414

Inverse Universe

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



A84246



DB3B41



A87042



544C4C



940006



140001

Previews

White Background



This preview shows how the Hex color 42A8A4 looks on a white background.

Color Contrast Check

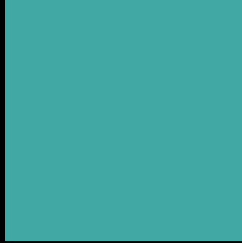
Large Text (above 18pt) WCAG AA × Fail

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 42A8A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

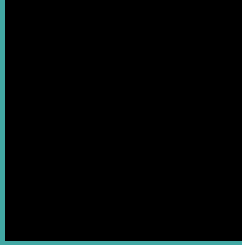
Any Text WCAG AA ✓ Pass

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 42A8A4 Background



This preview shows how black text looks on a background with the Hex color 42A8A4.

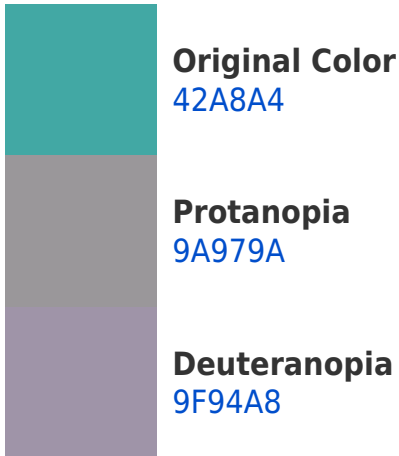


This preview shows how white text looks on a background with the Hex color 42A8A4.

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](#).

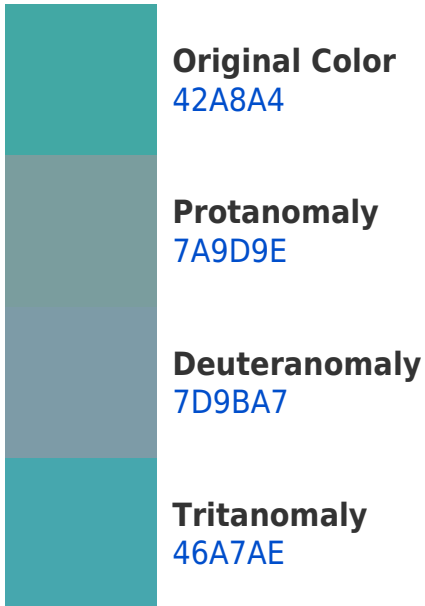
Dichromacy



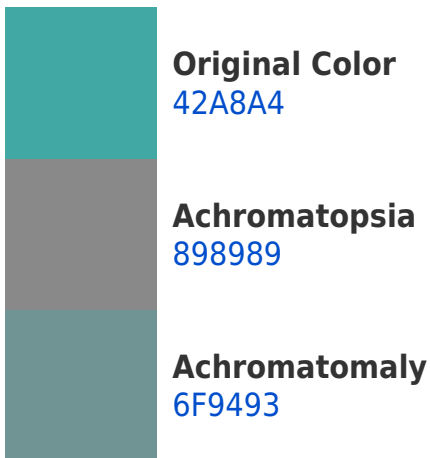


Tritanopia
49A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42A8A4 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 #42A8A4 looks like.

```
.text, #text, p{  
    color:#42A8A4  
}
```

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 #42A8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A8A4
}
```

Border

The CSS property to change the border of an element to Hex 42A8A4 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
#42A8A4 }
```

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

```
.border{ border-color:#42A8A4 }
```

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

Here you see how a box with a 4 pixel #42A8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A8A4; -webkit-box-shadow:4px 4px  
4px 4px #42A8A4; box-shadow:4px 4px 4px  
4px #42A8A4 }
```

Background

The CSS property to change the background color of an element to Hex 42A8A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A8A4 }
```

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

```
.background{ background-color:#42A8A4 }
```

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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