

Converting Colors

Hex(42A7A7)

Have a look what the booklet for
Hex(42A7A7) contains.

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Color

Hex(42A7A7)

Conversions

Conversions Part 1

Format	Color
Hex	42A7A7
RGB	66, 167, 167
RGB Percent	26%, 65%, 65%
CMY	0.7412, 0.3451, 0.3451
CMYK	0.60, 0.00, 0.00, 0.35
HSL	180°, 43%, 46%
HSV	180°, 60%, 65%
XYZ	23.0405, 31.5857, 41.4415
YIQ	136.8010, -60.1960, -21.4120

Conversions

Conversions Part 2

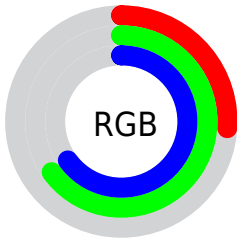
Format	Color
RYB	66, 117, 167
Decimal	4368295
CIELab	63.00, -28.75, -8.73
CIELCh	63, 30.050, 196.899
Yxy	31.5857, 0.2398, 0.3288
Android (android.graphics.Color)	4282558375 (0xFF42A7A7)
YUV	136.8010, 14.8881, -62.0925
Hunter-Lab	56.2012, -25.1732, -4.3783

Details

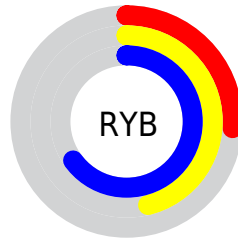
The Hex color **42A7A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A74242**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7DDFDE**, and **007373** is the 20% darker color. If you saturate the color by 10%, you get **31A7A7**, and if you desaturate by 10%, it is **53A7A7**.

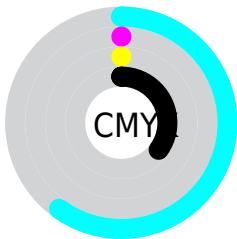
Distribution



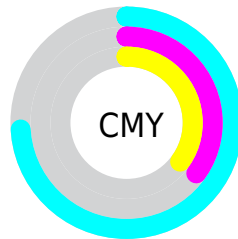
- Red (26%)
- Green (65%)
- Blue (65%)



- Red (26%)
- Yellow (46%)
- Blue (65%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



- Cyan (74%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42A7A7 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 42A7A7 by changing the saturation by 10% instead.

42A7A7

42A7A7

FFFFFF

1E8C8D

7DDFDE

007373

9AFBFB

005A5B

B7FFFF

004243

D4FFFF

002B2D

F2FFFF

001319

000000

42A7A7

42A7A7

31A7A7

53A7A7

■ 21A7A7

■ 63A7A7

■ 10A7A7

■ 74A7A7

■ 00A7A7

■ 85A7A7

■ 95A7A7

■ A6A7A7

■ B7A7A7

■ C8A7A7

■ D8A7A7

Harmonies

Analogous

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



5DA68B



42A7A7



41A4BF

Triad

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



42A7A7



AF8CBD



B59365

Complementary

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



42A7A7



A74242

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.



C78A73



42A7A7



C686A5

Square

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



42A7A7



8B96CB



CE858A



9C9C65

Rectangle

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



42A7A7



55A1C9



CE858A



BC9068

Sweetspot

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



42A7A7



B2D9D9



42A742



566E6E



EDEDED



6E6E6E

Same Dimension

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



42A7A7



3BD9D9



4274A7



4C5454



009494



001414

Inverse Universe

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



A742A7



D93BD9



A77442



544C54



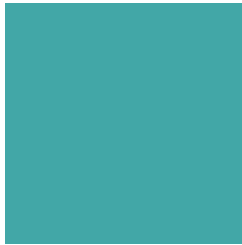
940094



140014

Previews

White Background



This preview shows how the Hex color 42A7A7 looks on a white background.

Color Contrast Check

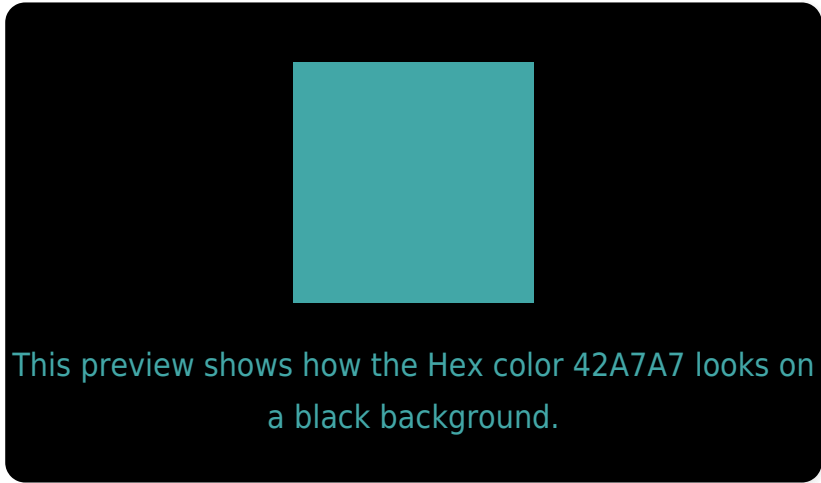
Large Text (above 18pt) WCAG AA × Fail

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

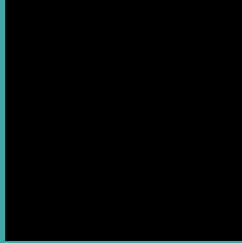
Any Text WCAG AA ✓ Pass

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 42A7A7 Background



This preview shows how black text looks on a background with the Hex color 42A7A7.

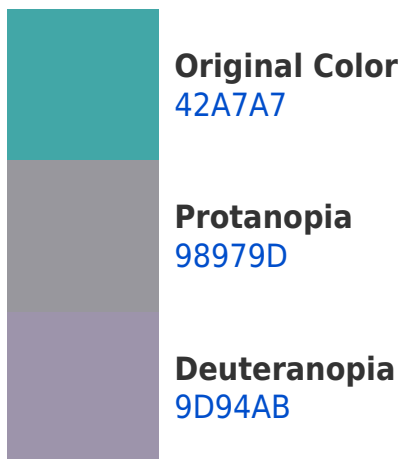


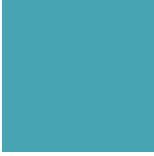
This preview shows how white text looks on a background with the Hex color 42A7A7.

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](#).

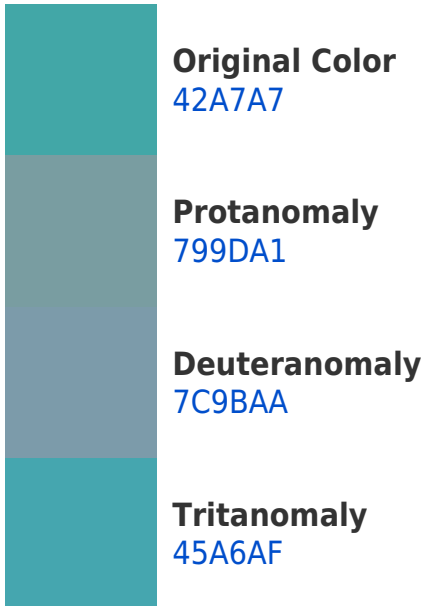
Dichromacy



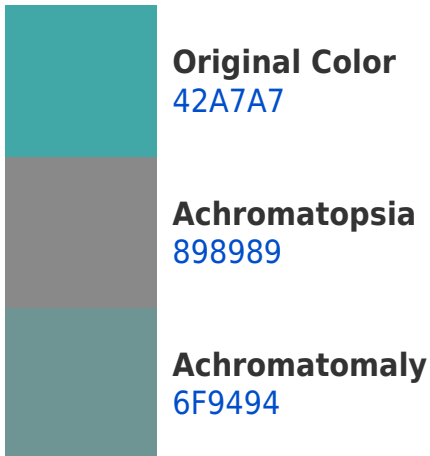


Tritanopia
47A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42A7A7 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 #42A7A7 looks like.

```
.text, #text, p{  
    color:#42A7A7  
}
```

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 #42A7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A7A7
}
```

Border

The CSS property to change the border of an element to Hex 42A7A7 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
#42A7A7 }
```

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

```
.border{ border-color:#42A7A7 }
```

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

Here you see how a box with a 4 pixel #42A7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A7A7; -webkit-box-shadow:4px 4px  
4px 4px #42A7A7; box-shadow:4px 4px 4px  
4px #42A7A7 }
```

Background

The CSS property to change the background color of an element to Hex 42A7A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A7A7 }
```

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

```
.background{ background-color:#42A7A7 }
```

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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