

Converting Colors

Hex(42AAD8)

Have a look what the booklet for
Hex(42AAD8) contains.

Hex(42AAD8)	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(42AAD8)

Conversions

Conversions Part 1

Format	Color
Hex	42AAD8
RGB	66, 170, 216
RGB Percent	26%, 67%, 85%
CMY	0.7412, 0.3333, 0.1529
CMYK	0.69, 0.21, 0.00, 0.15
HSL	198°, 66%, 55%
HSV	198°, 69%, 85%
XYZ	29.0162, 34.8656, 70.1662
YIQ	144.1480, -76.7500, -7.7420

Conversions

Conversions Part 2

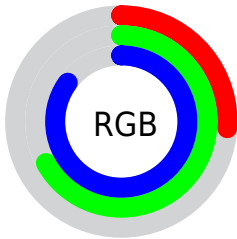
Format	Color
RYB	66, 127, 216
Decimal	4369112
CIELab	65.64, -15.24, -31.99
CIELCh	66, 35.432, 244.518
Yxy	34.8656, 0.2165, 0.2601
Android (android.graphics.Color)	4282559192 (0xFF42AAD8)
YUV	144.1480, 35.4230, -68.5358
Hunter-Lab	59.0471, -15.6162, -29.1219

Details

The Hex color **42AAD8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D87042**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **83E1FF**, and **0076A1** is the 20% darker color. If you saturate the color by 10%, you get **2CA3D8**, and if you desaturate by 10%, it is **58B1D8**.

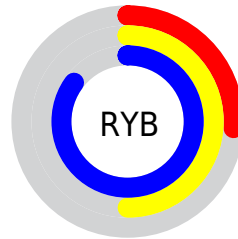
Distribution



Red (26%)

Green (67%)

Blue (85%)



Red (26%)

Yellow (50%)

Blue (85%)

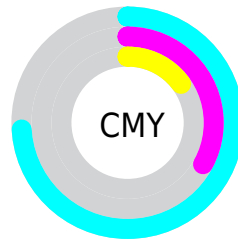


Cyan (69%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (74%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42AAD8 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 42AAD8 by changing the saturation by 10% instead.

■ 42AAD8

■ 42AAD8

FFFFFF

■ 128FBC

■ 83E1FF

■ 0076A1

■ A1FEFF

■ 005D87

■ BFFFFF

■ 00466D

■ DDDFFF

■ 002F55

■ FCFFFF

■ 001C3D

■ 000327

■ 000110

■ 000000

■ 42AAD8

■ 42AAD8

■ 2CA3D8

■ 58B1D8

■ 179DD8

■ 6DB7D8

■ 0196D8

■ 83BED8

■ 0096D8

■ 98C4D8

■ AECBD8

■ C4D2D8

■ D9D8D8

■ EFD8D8

■ FFE6D8

Harmonies

Analogous

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



19AFC2



42AAD8



7AA1DE

Triad

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



42AAD8



DC879C



8EA86A

Complementary

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



42AAD8



D87042

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.



B09F5F



42AAD8



DB8A7D

Square

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



42AAD8



CB8BBB



CB9467



67AE83

Rectangle

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



42AAD8



9B99D9



CB9467



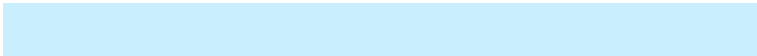
9AA565

Sweetspot

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



42AAD8



C9EFFF



42D86F



607680



000000



808080

Same Dimension

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



42AAD8



2BBEFF



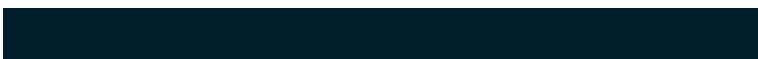
4260D8



60686B



0076AB



001E2B

Inverse Universe

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



D842AA



FF2BBE



D8BA42



6B6068



AB0076



2B001E

Previews

White Background



This preview shows how the Hex color 42AAD8 looks on a white background.

Color Contrast Check

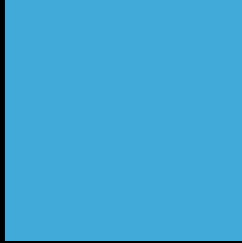
Large Text (above 18pt) WCAG AA × Fail

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 42AAD8 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 42AAD8 Background



This preview shows how black text looks on a background with the Hex color 42AAD8.

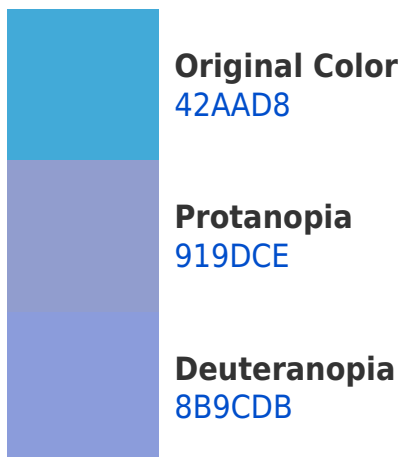


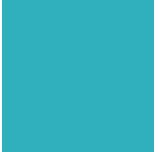
This preview shows how white text looks on a background with the Hex color 42AAD8.

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](#).

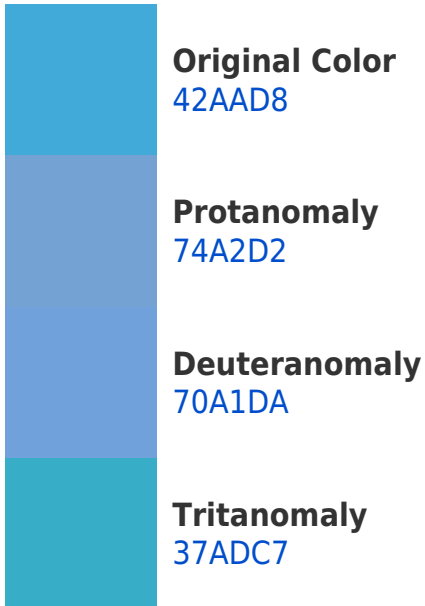
Dichromacy



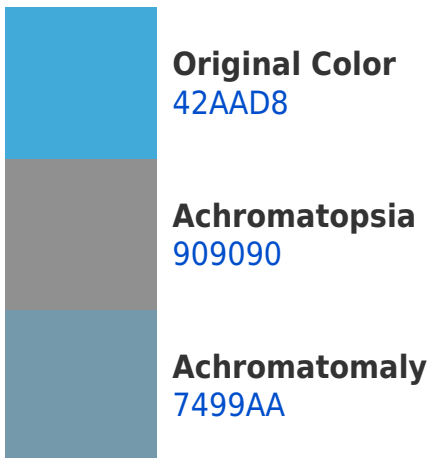


Tritanopia
30AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42AAD8 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 #42AAD8 looks like.

```
.text, #text, p{  
    color:#42AAD8  
}
```

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 #42AAD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42AAD8
}
```

Border

The CSS property to change the border of an element to Hex 42AAD8 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
#42AAD8 }
```

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

```
.border{ border-color:#42AAD8 }
```

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

Here you see how a box with a 4 pixel #42AAD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42AAD8; -webkit-box-shadow:4px 4px  
4px 4px #42AAD8; box-shadow:4px 4px 4px  
4px #42AAD8 }
```

Background

The CSS property to change the background color of an element to Hex 42AAD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42AAD8 }
```

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

```
.background{ background-color:#42AAD8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor