

Converting Colors

Hex(40A2D2)

Have a look what the booklet for
Hex(40A2D2) contains.

Hex(40A2D2)	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(40A2D2)

Conversions

Conversions Part 1

Format	Color
Hex	40A2D2
RGB	64, 162, 210
RGB Percent	25%, 64%, 82%
CMY	0.7490, 0.3647, 0.1765
CMYK	0.70, 0.23, 0.00, 0.18
HSL	200°, 62%, 54%
HSV	200°, 70%, 82%
XYZ	26.6675, 31.5838, 65.6635
YIQ	138.1700, -73.8160, -5.8480

Conversions

Conversions Part 2

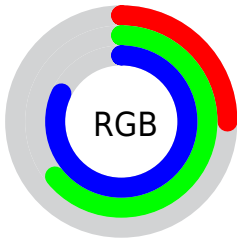
Format	Color
RYB	64, 123, 210
Decimal	4235986
CIELab	63.00, -13.18, -32.77
CIELCh	63, 35.321, 248.096
Yxy	31.5838, 0.2152, 0.2549
Android (android.graphics.Color)	4282426066 (0xFF40A2D2)
YUV	138.1700, 35.4122, -65.0471
Hunter-Lab	56.1995, -13.6480, -29.9349

Details

The Hex color **40A2D2** 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 **D27040**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **80D9FF**, and **006E9B** is the 20% darker color. If you saturate the color by 10%, you get **2B9BD2**, and if you desaturate by 10%, it is **55A9D2**.

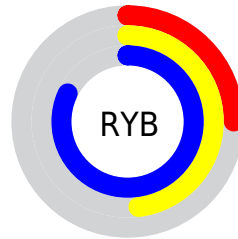
Distribution



Red (25%)

Green (64%)

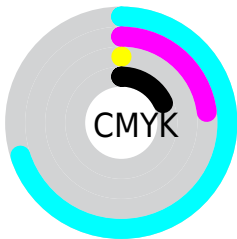
Blue (82%)



Red (25%)

Yellow (48%)

Blue (82%)

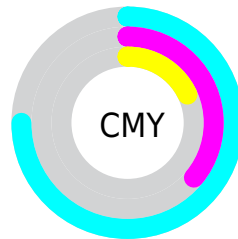


Cyan (70%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (75%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A2D2 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 40A2D2 by changing the saturation by 10% instead.

■ 40A2D2

■ 40A2D2

FFFFFF

■ 1088B6

■ 80D9FF

■ 006E9B

■ 9EF5FF

■ 005681

■ BCFFFF

■ 003F68

■ DAFFFF

■ 00294F

■ F8FFFF

■ 001638

■ 000222

■ 000008

■ 000000

■ 40A2D2

■ 40A2D2

■ 2B9BD2

■ 55A9D2

■ 1694D2

■ 6AB0D2

■ 018DD2

■ 7FB7D2

■ 008DD2

■ 94BED2

■ A9C5D2

■ BECBD2

■ D3D2D2

■ E8D9D2

■ FDE0D2

Harmonies

Analogous

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



01A8BE



40A2D2



7999D6

Triad

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



40A2D2



D58091



83A266

Complementary

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



40A2D2



D27040

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.



A59959



40A2D2



D28573

Square

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



40A2D2



C783B1



C08F5F



5CA780

Rectangle

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



40A2D2



9991D0



C08F5F



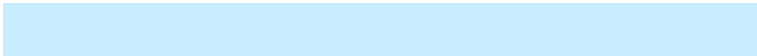
8F9F60

Sweetspot

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



40A2D2



C9EDFF



40D26E



607580



000000



808080

Same Dimension

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



40A2D2



2BB9FF



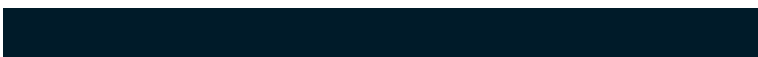
405BD2



5E6569



0071A8



001B29

Inverse Universe

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



D240A2



FF2BB9



D2B740



695E65



A80071



29001B

Previews

White Background



This preview shows how the Hex color 40A2D2 looks on a white background.

Color Contrast Check

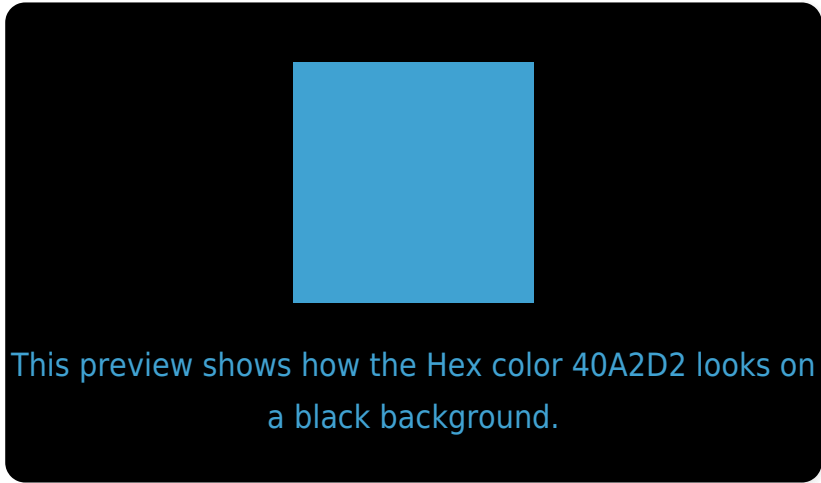
Large Text (above 18pt) WCAG AA × Fail

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 40A2D2 Background



This preview shows how black text looks on a background with the Hex color 40A2D2.

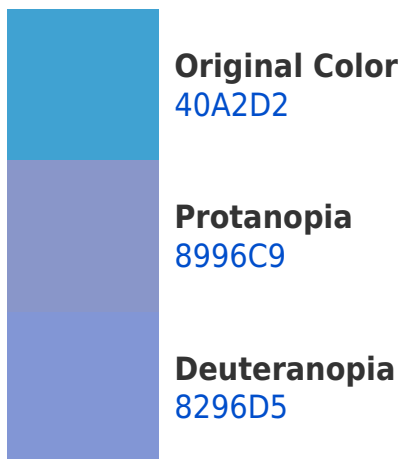


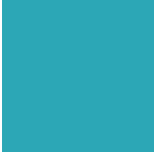
This preview shows how white text looks on a background with the Hex color 40A2D2.

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](#).

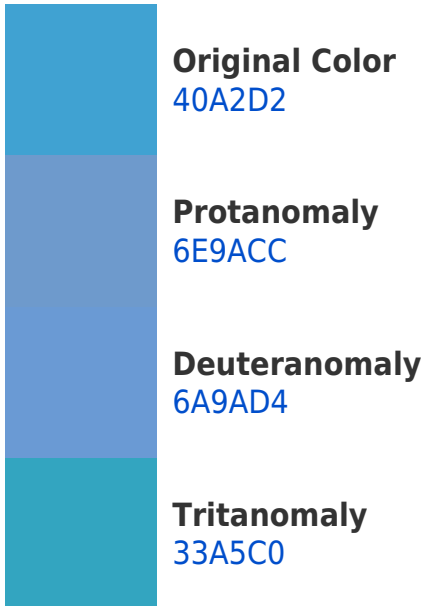
Dichromacy



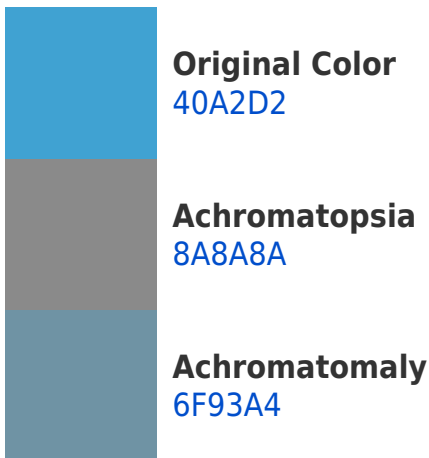


Tritanopia
2CA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40A2D2 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 #40A2D2 looks like.

```
.text, #text, p{  
    color:#40A2D2  
}
```

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 #40A2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A2D2
}
```

Border

The CSS property to change the border of an element to Hex 40A2D2 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
#40A2D2 }
```

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

```
.border{ border-color:#40A2D2 }
```

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

Here you see how a box with a 4 pixel #40A2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A2D2; -webkit-box-shadow:4px 4px  
4px 4px #40A2D2; box-shadow:4px 4px 4px  
4px #40A2D2 }
```

Background

The CSS property to change the background color of an element to Hex 40A2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A2D2 }
```

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

```
.background{ background-color:#40A2D2 }
```

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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