

Converting Colors

Hex(40A4CC)

Have a look what the booklet for
Hex(40A4CC) contains.

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Color

Hex(40A4CC)

Conversions

Conversions Part 1

Format	Color
Hex	40A4CC
RGB	64, 164, 204
RGB Percent	25%, 64%, 80%
CMY	0.7490, 0.3569, 0.2000
CMYK	0.69, 0.20, 0.00, 0.20
HSL	197°, 58%, 53%
HSV	197°, 69%, 80%
XYZ	26.2889, 32.0005, 61.9179
YIQ	138.6600, -72.4400, -8.7600

Conversions

Conversions Part 2

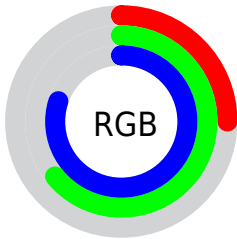
Format	Color
R _{YB}	64, 122, 204
Decimal	4236492
CIE Lab	63.34, -16.22, -28.90
CIE LCh	63, 33.141, 240.689
Yxy	32.0005, 0.2187, 0.2662
Android (android.graphics.Color)	4282426572 (0xFF40A4CC)
YUV	138.6600, 32.2126, -65.4768
Hunter-Lab	56.5690, -16.0428, -25.2978

Details

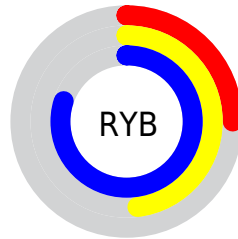
The Hex color **40A4CC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CC6840**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7FDBFF**, and **007096** is the 20% darker color. If you saturate the color by 10%, you get **2C9ECC**, and if you desaturate by 10%, it is **54AACC**.

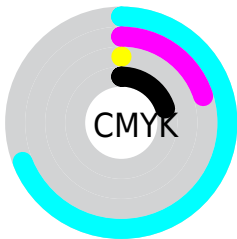
Distribution



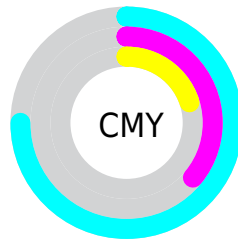
- Red (25%)
- Green (64%)
- Blue (80%)



- Red (25%)
- Yellow (48%)
- Blue (80%)



- Cyan (69%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (75%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A4CC 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 40A4CC by changing the saturation by 10% instead.

■ 40A4CC

■ 40A4CC

FFFFFF

■ 128AB0

■ 7FDBFF

■ 007096

■ 9DF8FF

■ 00587C

■ BBFFFF

■ 004063

■ D9FFFF

■ 002A4B

■ F7FFFF

■ 001734

■ 00021E

■ 000000

■ 40A4CC

■ 40A4CC

■ 2C9ECC

■ 54AACC

■ 1798CC

■ 69B0CC

■ 0393CC

■ 7DB5CC

■ 0092CC

■ 92BBCC

■ A6C1CC

■ BAC7CC

■ CFCDC

■ E3D3CC

■ F8D8CC

Harmonies

Analogous

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



28A8B6



40A4CC



719CD4

Triad

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



40A4CC



D1839A



8DA166

Complementary

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



40A4CC



CC6840

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.



AC985E



40A4CC



D2857D

Square

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



40A4CC



BF88B7



C58E67



6AA77C

Rectangle

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



40A4CC



9095D0



C58E67



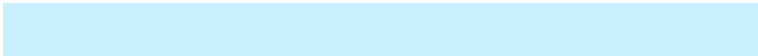
989E61

Sweetspot

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



40A4CC



C9F0FF



40CC68



607680



000000



808080

Same Dimension

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



40A4CC



2EC3FF



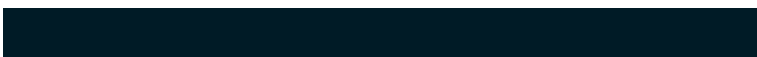
405ECC



5C6366



0076A6



001B26

Inverse Universe

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



CC40A4



FF2EC3



CCAE40



665C63



A60076



26001B

Previews

White Background



This preview shows how the Hex color 40A4CC looks on a white background.

Color Contrast Check

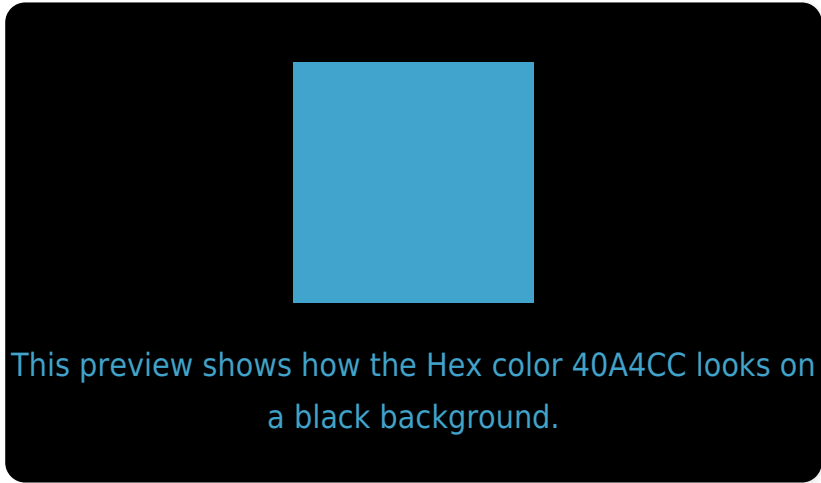
Large Text (above 18pt) WCAG AA × Fail

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 40A4CC Background



This preview shows how black text looks on a background with the Hex color 40A4CC.

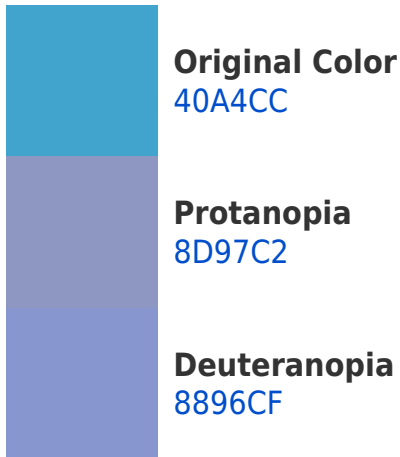


This preview shows how white text looks on a background with the Hex color 40A4CC.

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](#).

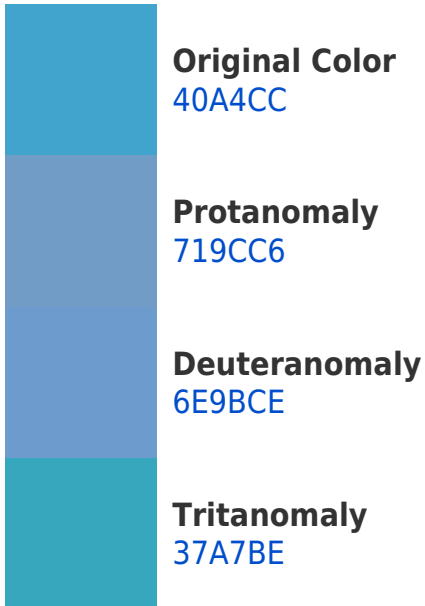
Dichromacy



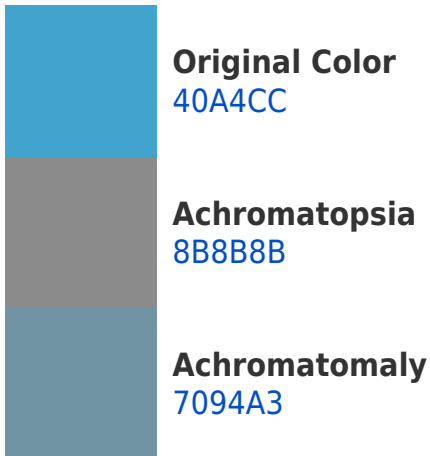


Tritanopia
32A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40A4CC 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 #40A4CC looks like.

```
.text, #text, p{  
    color:#40A4CC  
}
```

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 #40A4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A4CC
}
```

Border

The CSS property to change the border of an element to Hex 40A4CC 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
#40A4CC }
```

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

```
.border{ border-color:#40A4CC }
```

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

Here you see how a box with a 4 pixel #40A4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A4CC; -webkit-box-shadow:4px 4px  
4px 4px #40A4CC; box-shadow:4px 4px 4px  
4px #40A4CC }
```

Background

The CSS property to change the background color of an element to Hex 40A4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A4CC }
```

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

```
.background{ background-color:#40A4CC }
```

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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