

Converting Colors

Hex(40A496)

Have a look what the booklet for
Hex(40A496) contains.

Hex(40A496)	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(40A496)

Conversions

Conversions Part 1

Format	Color
Hex	40A496
RGB	64, 164, 150
RGB Percent	25%, 64%, 59%
CMY	0.7490, 0.3569, 0.4118
CMYK	0.61, 0.00, 0.09, 0.36
HSL	172°, 44%, 45%
HSV	172°, 61%, 64%
XYZ	20.8948, 29.8429, 33.5131
YIQ	132.5040, -55.1060, -25.5540

Conversions

Conversions Part 2

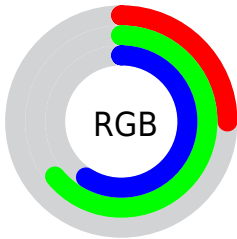
Format	Color
R _{YB}	64, 118, 164
Decimal	4236438
CIE Lab	61.52, -32.37, -1.38
CIE LCh	62, 32.395, 182.447
Yxy	29.8429, 0.2480, 0.3542
Android (android.graphics.Color)	4282426518 (0xFF40A496)
YUV	132.5040, 8.6255, -60.0780
Hunter-Lab	54.6287, -27.3260, 1.8673

Details

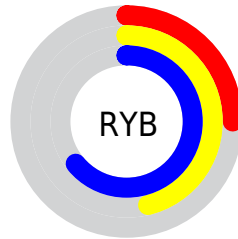
The Hex color **40A496** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A4404E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7ADBCC**, and **007063** is the 20% darker color. If you saturate the color by 10%, you get **30A494**, and if you desaturate by 10%, it is **50A498**.

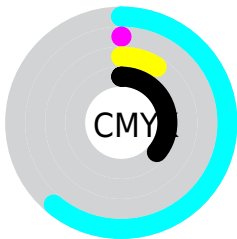
Distribution



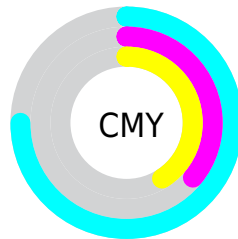
- Red (25%)
- Green (64%)
- Blue (59%)



- Red (25%)
- Yellow (46%)
- Blue (64%)



- Cyan (61%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A496 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 40A496 by changing the saturation by 10% instead.



40A496



40A496

FFFFFF



1D897C



7ADBCC



007063



97F8E8



00574C



B3FFFF



003F35



D0FFFF



002820



EEFFFF



000B09



000000



40A496



40A496



30A494



50A498

■ 1FA491

■ 61A49B

■ 0FA48F

■ 71A49D

■ 00A48D

■ 82A49F

■ 92A4A1

■ A2A4A4

■ B3A4A6

■ C3A4A8

■ D4A4AB

Harmonies

Analogous

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



65A279



40A496



26A3B2

Triad

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



40A496



9B8CC5



BD8A62

Complementary

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



40A496



A4404E

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.



CB8177



40A496



BB83B0

Square

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



40A496



7097CD



CB7E93



A5945B

Rectangle

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



40A496



32A0C1



CB7E93



C38768

Sweetspot

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



40A496



B0D6D1



4FA440



546B68



EBEBEB



6B6B6B

Same Dimension

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



40A496



3AD6C0



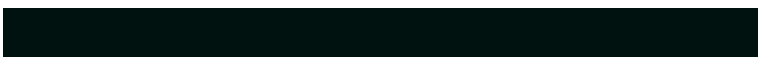
4081A4



495250



00917D



00120F

Inverse Universe

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



A4404E



D63A50



A46340



52494B



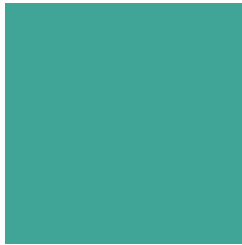
910014



120002

Previews

White Background



This preview shows how the Hex color 40A496 looks on a white background.

Color Contrast Check

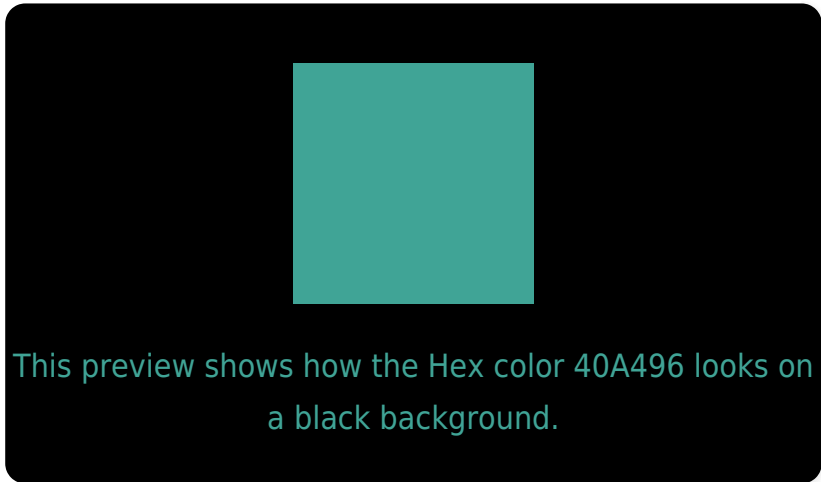
Large Text (above 18pt) WCAG AA ✓ Pass

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

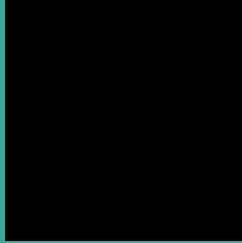
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40A496 Background



This preview shows how black text looks on a background with the Hex color 40A496.

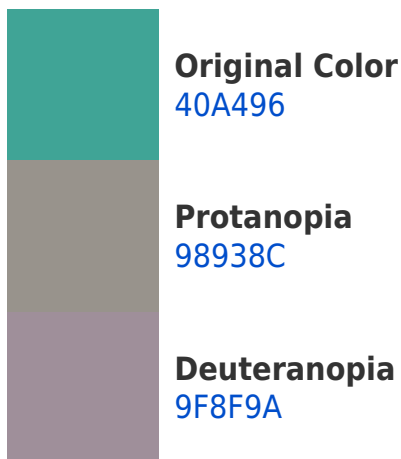


This preview shows how white text looks on a background with the Hex color 40A496.

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
4AA1AE

Trichromacy



Original Color
40A496



Protanomaly
789990



Deuteranomaly
7C9799



Tritanomaly
46A2A5

Monochromacy



Original Color
40A496



Achromatopsia
858585



Achromatomaly
6C908B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40A496 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 #40A496 looks like.

```
.text, #text, p{  
    color:#40A496  
}
```

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 #40A496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A496
}
```

Border

The CSS property to change the border of an element to Hex 40A496 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
#40A496 }
```

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

```
.border{ border-color:#40A496 }
```

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

Here you see how a box with a 4 pixel #40A496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A496; -webkit-box-shadow:4px 4px  
4px 4px #40A496; box-shadow:4px 4px 4px  
4px #40A496 }
```

Background

The CSS property to change the background color of an element to Hex 40A496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A496 }
```

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

```
.background{ background-color:#40A496 }
```

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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