

# Converting Colors

Hex(40A294)

Have a look what the booklet for  
Hex(40A294) contains.

<b>Hex(40A294)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(40A294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40A294
RGB	64, 162, 148
RGB Percent	25%, 64%, 58%
CMY	0.7490, 0.3647, 0.4196
CMYK	0.60, 0.00, 0.09, 0.36
HSL	171°, 43%, 44%
HSV	171°, 60%, 64%
XYZ	20.3800, 29.0688, 32.5537
YIQ	131.1020, -53.9140, -25.1300

# Conversions

## Conversions Part 2

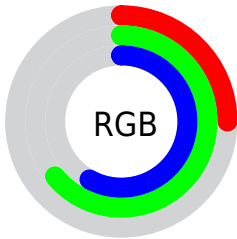
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 117, 162
Decimal	4235924
CIELab	60.84, -31.95, -1.25
CIElCh	61, 31.974, 182.236
Yxy	29.0688, 0.2485, 0.3545
Android (android.graphics.Color)	4282426004 (0xFF40A294)
YUV	131.1020, 8.3307, -58.8485
Hunter-Lab	53.9155, -26.8793, 1.9421

# Details

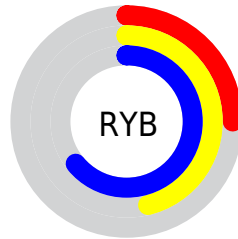
The Hex color **40A294** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A2404E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7AD9CA**, and **006E61** is the 20% darker color. If you saturate the color by 10%, you get **30A292**, and if you desaturate by 10%, it is **50A296**.

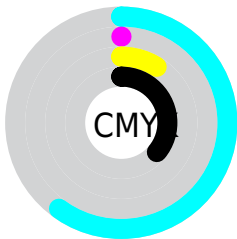
# Distribution



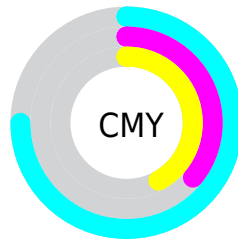
- Red (25%)
- Green (64%)
- Blue (58%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40A294 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 40A294 by changing the saturation by 10% instead.





40A294



40A294

FFFFFF



1E877A



7AD9CA



006E61



96F6E6



00554A



B3FFFF



003D33



D0FFFF



00271E



EDFFFF



000606



000000



40A294



40A294



30A292



50A296

■ 20A28F

■ 60A299

■ 0FA28D

■ 71A29B

■ 00A28B

■ 81A29D

■ 91A2A0

■ A1A2A2

■ B1A2A4

■ C2A2A7

■ D2A2A9

# Harmonies

## Analogous

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



64A078



40A294



26A1B0

# Triad

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



40A294



998BC3



BB8862

# Complementary

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



40A294



A2404E

# 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.



C98076



40A294



B881AE

# Square

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



40A294



6E95CB



C87D92



A4925A

# Rectangle

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



40A294



329FBF



C87D92



C18567



# Sweetspot

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



40A294



AED4CE



4FA240



546B68



EBEBEB



6B6B6B



# Same Dimension

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



40A294



39D4BE



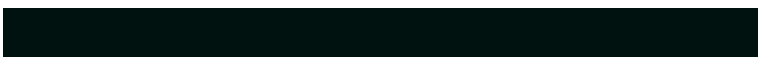
4080A2



495250



00917D



00120F



# Inverse Universe

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



A2404E



D4394F



A26240



52494B



910015

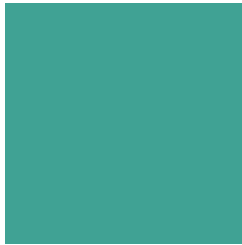


120003



# Previews

## White Background



This preview shows how the Hex color 40A294 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



This preview shows how the Hex color 40A294 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

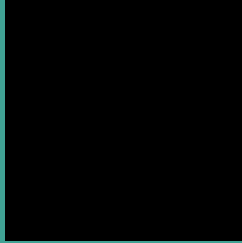
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 40A294 Background



This preview shows how black text looks on a background with the Hex color 40A294.

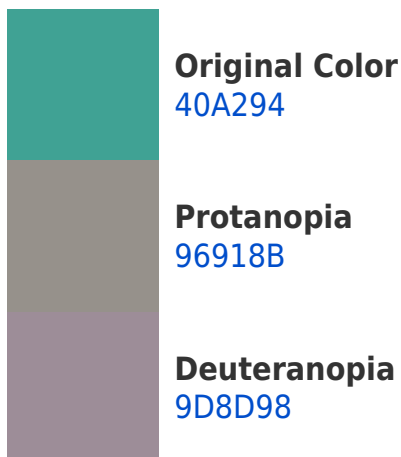


This preview shows how white text looks on a background with the Hex color 40A294.

# 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**  
499FAB

# Trichromacy



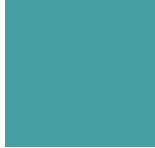
**Original Color**  
40A294



**Protanomaly**  
77978E



**Deuteranomaly**  
7B9597



**Tritanomaly**  
46A0A3

# Monochromacy



**Original Color**  
40A294



**Achromatopsia**  
838383



**Achromatomaly**  
6B8E89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40A294 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 #40A294 looks like.

```
.text, #text, p{  
    color:#40A294  
}
```

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 #40A294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A294
}
```

## Border

The CSS property to change the border of an element to Hex 40A294 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
#40A294 }
```

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

```
.border{ border-color:#40A294 }
```

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

Here you see how a box with a 4 pixel #40A294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A294; -webkit-box-shadow:4px 4px  
4px 4px #40A294; box-shadow:4px 4px 4px  
4px #40A294 }
```

# Background

The CSS property to change the background color of an element to Hex 40A294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A294 }
```

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

```
.background{ background-color:#40A294 }
```

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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