

# Converting Colors

Hex(40A18F)

Have a look what the booklet for  
Hex(40A18F) contains.

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**Color**

**Hex(40A18F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40A18F
RGB	64, 161, 143
RGB Percent	25%, 63%, 56%
CMY	0.7490, 0.3686, 0.4392
CMYK	0.60, 0.00, 0.11, 0.37
HSL	169°, 43%, 44%
HSV	169°, 60%, 63%
XYZ	19.8171, 28.5629, 30.4553
YIQ	129.9450, -52.0340, -26.1620

# Conversions

## Conversions Part 2

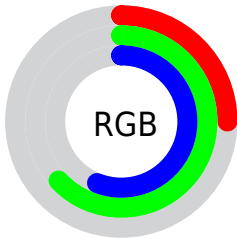
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 117, 161
Decimal	4235663
CIELab	60.39, -32.80, 0.92
CIELCh	60, 32.811, 178.399
Yxy	28.5629, 0.2514, 0.3623
Android (android.graphics.Color)	4282425743 (0xFF40A18F)
YUV	129.9450, 6.4361, -57.8338
Hunter-Lab	53.4443, -27.3396, 3.6245

# Details

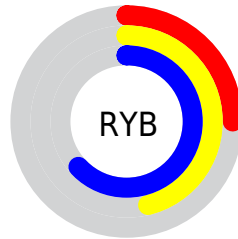
The Hex color **40A18F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A14052**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **79D8C5**, and **006D5D** is the 20% darker color. If you saturate the color by 10%, you get **30A18C**, and if you desaturate by 10%, it is **50A192**.

# Distribution



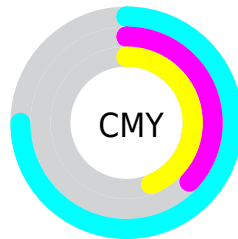
- Red (25%)
- Green (63%)
- Blue (56%)



- Red (25%)
- Yellow (46%)
- Blue (63%)



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)



- Cyan (75%)
- Magenta (37%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40A18F 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 40A18F by changing the saturation by 10% instead.



 40A18F

 40A18F

FFFFFF

 1E8675

 79D8C5

 006D5D

 96F5E1

 005445

 B2FFFD

 003C2F

 CFFFFFF

 00261A

 EDFFFF

 000300

 000000

 40A18F

 40A18F

 30A18C

 50A192

■ 20A189

■ 60A195

■ 10A186

■ 70A198

■ 00A183

■ 80A19B

■ 91A19E

■ A1A1A1

■ B1A1A4

■ C1A1A7

■ D1A1AA

# Harmonies

## Analogous

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



669E72



40A18F



1DA1AC

# Triad

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



40A18F



938BC4



BD8561

# Complementary

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



40A18F



A14052

# 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.



C97D78



40A18F



B581B0

# Square

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



40A18F



6595CB



C77B94



A68F57

# Rectangle

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



40A18F



259EBC



C77B94



C38268



# Sweetspot

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



40A18F



ABD1CA



53A140



526964



E8E8E8



696969



# Same Dimension

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



40A18F



3BD1B5



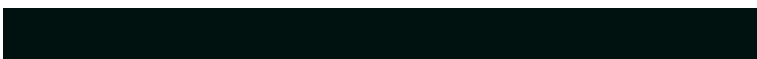
4084A1



495250



009176



00120F



# Inverse Universe

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



A14052



D13B56



A15D40



52494B



91001B

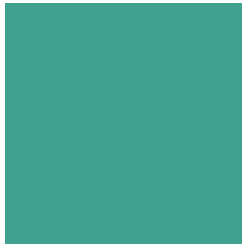


120003



# Previews

## White Background



This preview shows how the Hex color 40A18F looks on a white background.

## Color Contrast Check

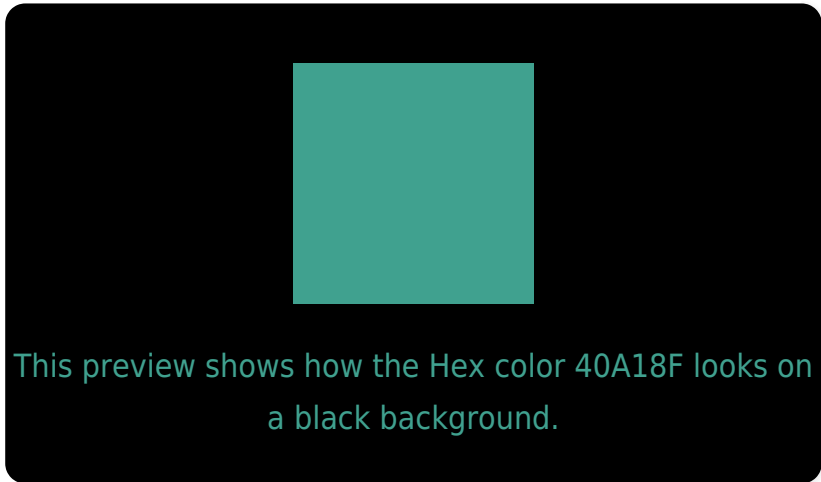
Large Text (above 18pt) WCAG AA ✓ Pass

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

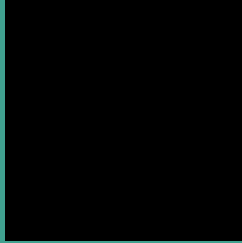
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 40A18F Background



This preview shows how black text looks on a background with the Hex color 40A18F.

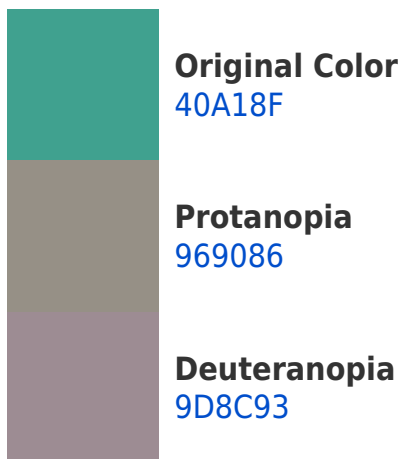


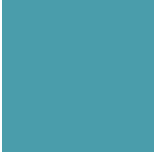
This preview shows how white text looks on a background with the Hex color 40A18F.

# 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



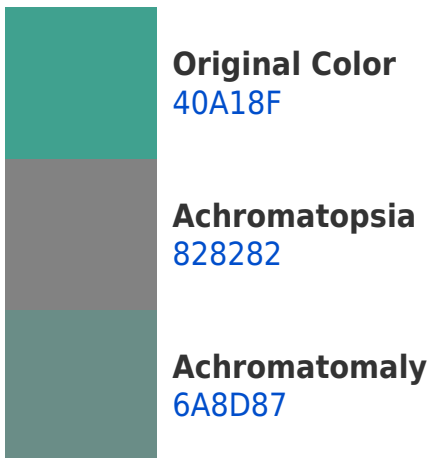


**Tritanopia**  
4A9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40A18F 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 #40A18F looks like.

```
.text, #text, p{  
    color:#40A18F  
}
```

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 #40A18F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A18F
}
```

## Border

The CSS property to change the border of an element to Hex 40A18F 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
#40A18F }
```

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

```
.border{ border-color:#40A18F }
```

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

Here you see how a box with a 4 pixel #40A18F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A18F; -webkit-box-shadow:4px 4px  
4px 4px #40A18F; box-shadow:4px 4px 4px  
4px #40A18F }
```

# Background

The CSS property to change the background color of an element to Hex 40A18F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A18F }
```

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

```
.background{ background-color:#40A18F }
```

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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