

Converting Colors

Hex(40A88F)

Have a look what the booklet for
Hex(40A88F) contains.

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Color

Hex(40A88F)

Conversions

Conversions Part 1

Format	Color
Hex	40A88F
RGB	64, 168, 143
RGB Percent	25%, 66%, 56%
CMY	0.7490, 0.3412, 0.4392
CMYK	0.62, 0.00, 0.15, 0.34
HSL	166°, 45%, 45%
HSV	166°, 62%, 66%
XYZ	21.0749, 31.0784, 30.8746
YIQ	134.0540, -53.9590, -29.8230

Conversions

Conversions Part 2

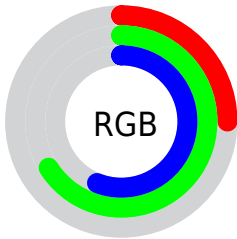
Format	Color
RYB	64, 123, 168
Decimal	4237455
CIELab	62.57, -36.05, 4.08
CIELCh	63, 36.280, 173.547
Yxy	31.0784, 0.2538, 0.3743
Android (android.graphics.Color)	4282427535 (0xFF40A88F)
YUV	134.0540, 4.4104, -61.4374
Hunter-Lab	55.7480, -30.0791, 6.1874

Details

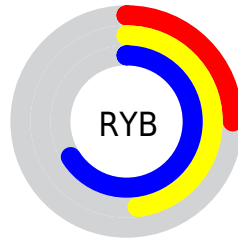
The Hex color **40A88F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A84059**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7AE0C5**, and **00735D** is the 20% darker color. If you saturate the color by 10%, you get **2FA88B**, and if you desaturate by 10%, it is **51A893**.

Distribution



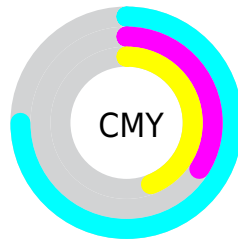
- Red (25%)
- Green (66%)
- Blue (56%)



- Red (25%)
- Yellow (48%)
- Blue (66%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (75%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A88F 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 40A88F by changing the saturation by 10% instead.



40A88F



40A88F

FFFFFF



1D8D75



7AE0C5



00735D



97FDE1



005A45



B4FFFD



00422F



D1FFFF



002B1A



EEFFFF



001000



000000



40A88F



40A88F



2FA88B



51A893

■ 1EA887

■ 62A897

■ 0EA883

■ 72A89B

■ 00A880

■ 83A89F

■ 94A8A3

■ A5A8A7

■ B6A8AB

■ C6A8AF

■ D7A8B3

Harmonies

Analogous

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



6DA470



40A88F



00A8B0

Triad

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



40A88F



9192D2



CA8865

Complementary

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



40A88F



A84059

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.



D67F7F



40A88F



B986BE

Square

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



40A88F



5A9DD7



D17FA0



B29357

Rectangle

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



40A88F



00A6C3



D17FA0



D0846C

Sweetspot

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



40A88F



B2DBD1



5AA840



546E68



EDEDED



6E6E6E

Same Dimension

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



40A88F



39DBB4



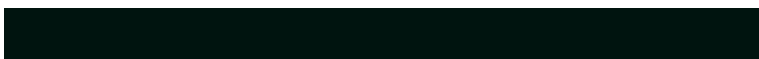
408EA8



4C5452



009470



00140F

Inverse Universe

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



A84059



DB3960



A85A40



544C4E



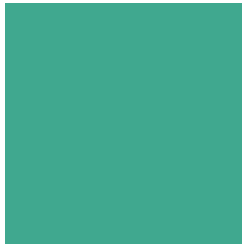
940024



140005

Previews

White Background



This preview shows how the Hex color 40A88F looks on a white background.

Color Contrast Check

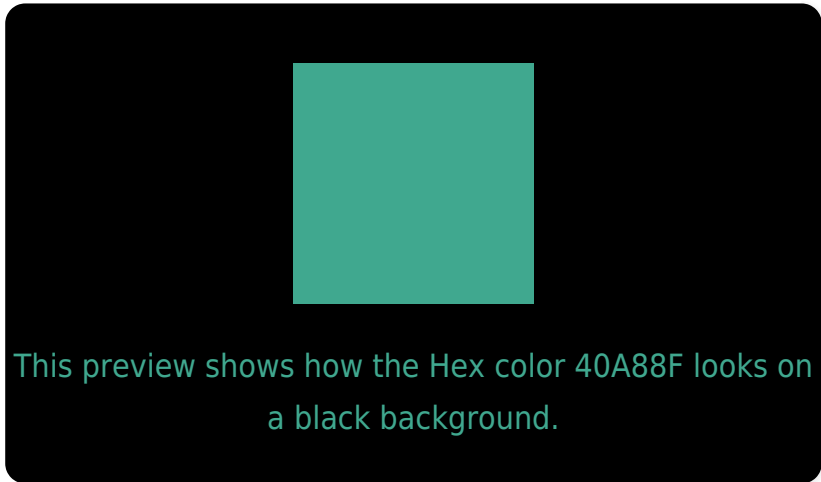
Large Text (above 18pt) WCAG AA × Fail

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

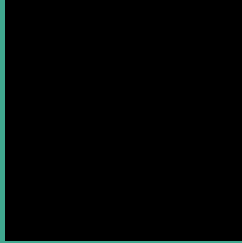
Any Text WCAG AA ✓ Pass

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 40A88F Background



This preview shows how black text looks on a background with the Hex color 40A88F.

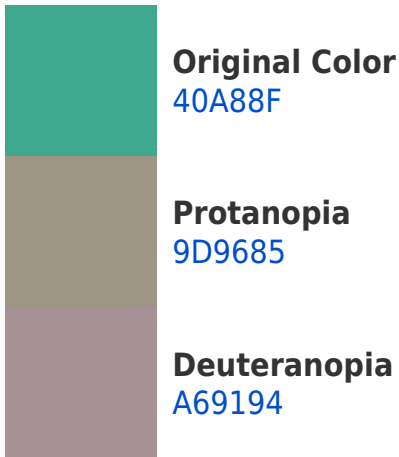


This preview shows how white text looks on a background with the Hex color 40A88F.

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](#).

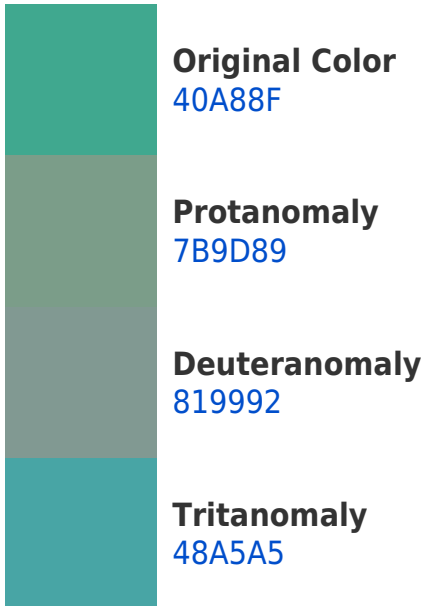
Dichromacy



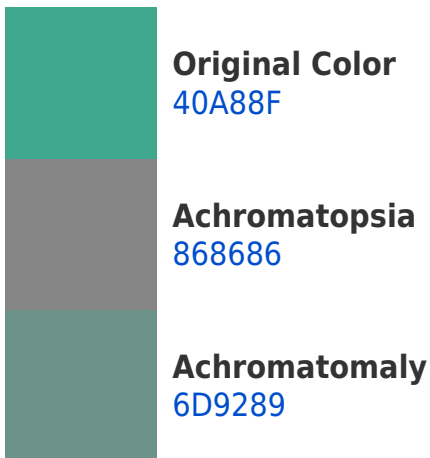


Tritanopia
4DA3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40A88F 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 #40A88F looks like.

```
.text, #text, p{  
    color:#40A88F  
}
```

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 #40A88F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A88F
}
```

Border

The CSS property to change the border of an element to Hex 40A88F 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
#40A88F }
```

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

```
.border{ border-color:#40A88F }
```

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

Here you see how a box with a 4 pixel #40A88F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A88F; -webkit-box-shadow:4px 4px  
4px 4px #40A88F; box-shadow:4px 4px 4px  
4px #40A88F }
```

Background

The CSS property to change the background color of an element to Hex 40A88F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A88F }
```

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

```
.background{ background-color:#40A88F }
```

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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