

Converting Colors

Hex(40818A)

Have a look what the booklet for
Hex(40818A) contains.

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Color

Hex(40818A)

Conversions

Conversions Part 1

Format	Color
Hex	40818A
RGB	64, 129, 138
RGB Percent	25%, 51%, 54%
CMY	0.7490, 0.4941, 0.4588
CMYK	0.54, 0.07, 0.00, 0.46
HSL	187°, 37%, 40%
HSV	187°, 54%, 54%
XYZ	14.5521, 18.6255, 26.8729
YIQ	110.5910, -41.6290, -10.9810

Conversions

Conversions Part 2

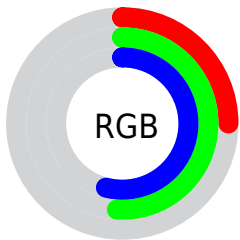
Format	Color
R_{YB}	64, 99, 138
Decimal	4227466
CIE _{Lab}	50.25, -18.06, -11.24
CIE _{LCh}	50, 21.269, 211.888
Yxy	18.6255, 0.2423, 0.3102
Android (android.graphics.Color)	4282417546 (0xFF40818A)
YUV	110.5910, 13.5126, -40.8603
Hunter-Lab	43.1572, -15.3373, -6.7082

Details

The Hex color **40818A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A4940**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **76B6BF**, and **005058** is the 20% darker color. If you saturate the color by 10%, you get **327F8A**, and if you desaturate by 10%, it is **4E838A**.

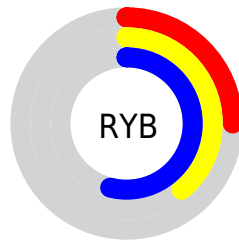
Distribution



Red (25%)

Green (51%)

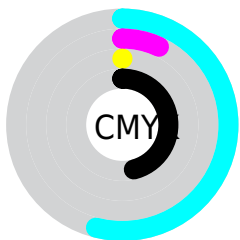
Blue (54%)



Red (25%)

Yellow (39%)

Blue (54%)

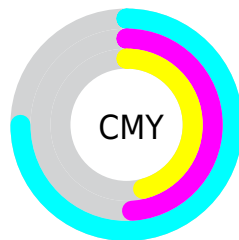


Cyan (54%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40818A 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 40818A by changing the saturation by 10% instead.

 40818A

 40818A

FFFFFF

 236871

 76B6BF

 005058

 91D2DB

 003841

 ADEEF8

 00232B

 C9FFFF

 000317

 E6FFFF

 000000

 40818A

 40818A

 327F8A

 4E838A

 247E8A

 5C848A

■ 177C8A

■ 69868A

■ 097A8A

■ 77888A

■ 00798A

■ 85898A

■ 938B8A

■ A18D8A

■ AE8E8A

■ BC908A

Harmonies

Analogous

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



488278



40818A



4B7E97

Triad

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



40818A



906D89



837753

Complementary

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



40818A



8A4940

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.



937158



40818A



9B6A77

Square

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



40818A



7C7396



9B6C65



707C58

Rectangle

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



40818A



5A7B9B



9B6C65



897554

Sweetspot

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



40818A



96AFB3



408A49



485759



D9D9D9



595959

Same Dimension

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



40818A



40A5B3



405C8A



3E4445



007485



000405

Inverse Universe

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



8A4081



B340A5



8A6E40



453E44



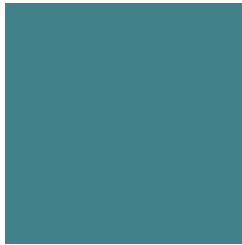
850074



050004

Previews

White Background



This preview shows how the Hex color 40818A looks on a white background.

Color Contrast Check

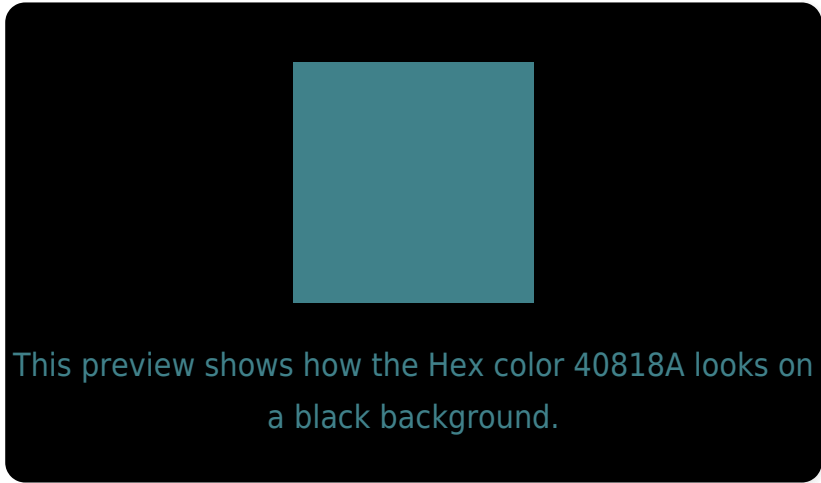
Large Text (above 18pt) WCAG AA ✓ Pass

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

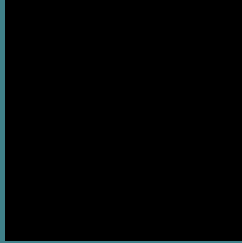
Any Text WCAG AA ✓ Pass

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 40818A Background



This preview shows how black text looks on a background with the Hex color 40818A.

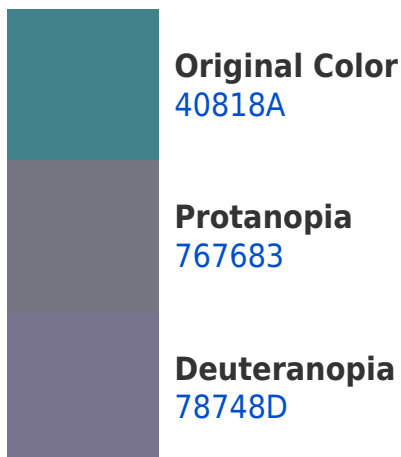


This preview shows how white text looks on a background with the Hex color 40818A.

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](#).

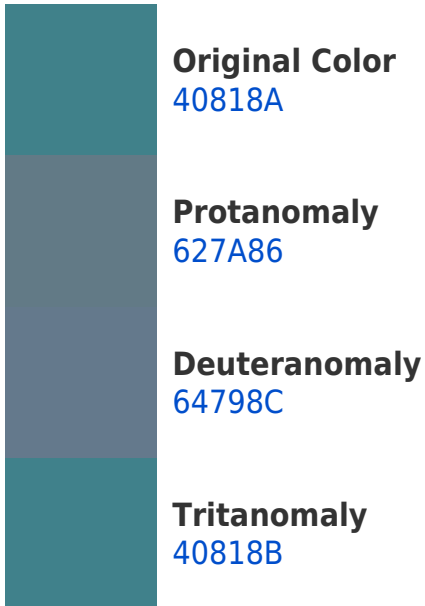
Dichromacy



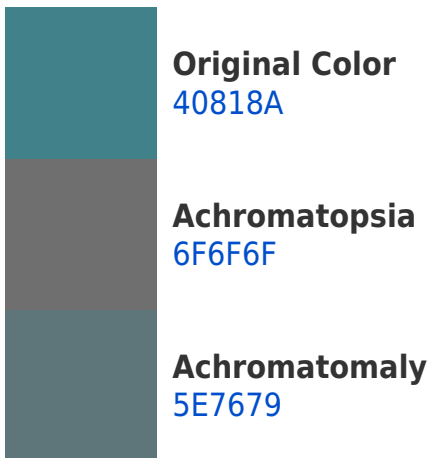


Tritanopia
40818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40818A 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 #40818A looks like.

```
.text, #text, p{  
    color:#40818A  
}
```

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 #40818A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40818A
}
```

Border

The CSS property to change the border of an element to Hex 40818A 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
#40818A }
```

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

```
.border{ border-color:#40818A }
```

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

Here you see how a box with a 4 pixel #40818A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40818A; -webkit-box-shadow:4px 4px  
4px 4px #40818A; box-shadow:4px 4px 4px  
4px #40818A }
```

Background

The CSS property to change the background color of an element to Hex 40818A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40818A }
```

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

```
.background{ background-color:#40818A }
```

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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