

Converting Colors

Hex(34808A)

Have a look what the booklet for
Hex(34808A) contains.

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Color

Hex(34808A)

Conversions

Conversions Part 1

Format	Color
Hex	34808A
RGB	52, 128, 138
RGB Percent	20%, 50%, 54%
CMY	0.7961, 0.4980, 0.4588
CMYK	0.62, 0.07, 0.00, 0.46
HSL	187°, 45%, 37%
HSV	187°, 62%, 54%
XYZ	13.7228, 18.0034, 26.7965
YIQ	106.4160, -48.5060, -13.0020

Conversions

Conversions Part 2

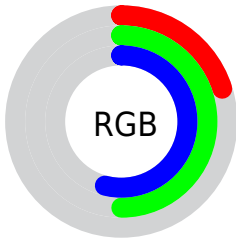
Format	Color
R _{YB}	52, 92, 138
Decimal	3440778
CIE Lab	49.50, -20.02, -12.40
CIE LCh	50, 23.554, 211.773
Yxy	18.0034, 0.2345, 0.3076
Android (android.graphics.Color)	4281630858 (0xFF34808A)
YUV	106.4160, 15.5709, -47.7228
Hunter-Lab	42.4304, -16.5229, -7.7427

Details

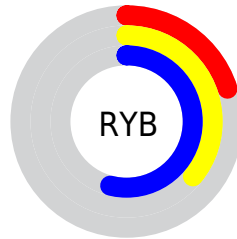
The Hex color **34808A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A3E34**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6CB5BF**, and **004F58** is the 20% darker color. If you saturate the color by 10%, you get **267E8A**, and if you desaturate by 10%, it is **42828A**.

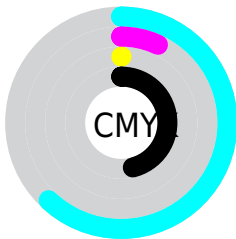
Distribution



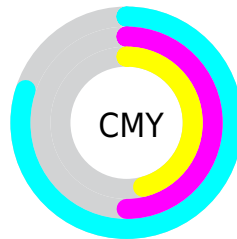
- Red (20%)
- Green (50%)
- Blue (54%)



- Red (20%)
- Yellow (36%)
- Blue (54%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (80%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34808A 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 34808A by changing the saturation by 10% instead.



34808A



34808A

FFFFFF



116771



6CB5BF



004F58



88D1DB



003741



A4EDF8



00222B



C0FFFF



000117



DDFFFF



000000



FBFFFF



34808A



34808A



267E8A



42828A

■ 187D8A

■ 50838A

■ 0B7B8A

■ 5D858A

■ 007A8A

■ 6B868A

■ 79888A

■ 878A8A

■ 958B8A

■ A28D8A

■ B08E8A

Harmonies

Analogous

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



408176



34808A



417D98

Triad

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



34808A



906A89



82754E

Complementary

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



34808A



8A3E34

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.



936E53



34808A



9C6775

Square

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



34808A



7A7098



9D6862



6D7B53

Rectangle

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



34808A



53799D



9D6862



89734E

Sweetspot

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



34808A



91AFB3



348A3D



455759



D9D9D9



595959

Same Dimension

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



34808A



2DA3B3



34568A



3E4445



007585



000505

Inverse Universe

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



8A3480



B32DA3



8A6834



453E44



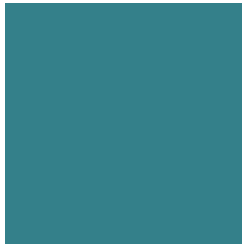
850075



050005

Previews

White Background



This preview shows how the Hex color 34808A looks on a white background.

Color Contrast Check

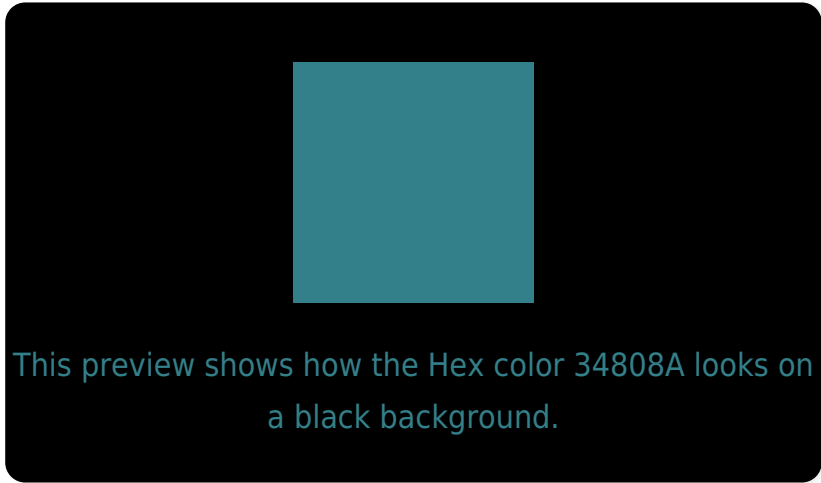
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

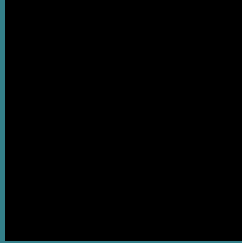
Any Text WCAG AA ✓ Pass

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 34808A Background



This preview shows how black text looks on a background with the Hex color 34808A.

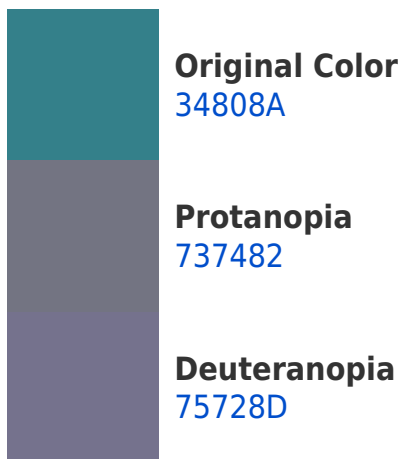


This preview shows how white text looks on a background with the Hex color 34808A.

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](#).

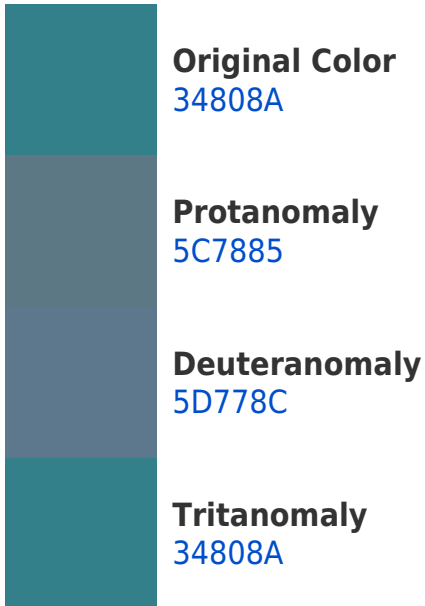
Dichromacy



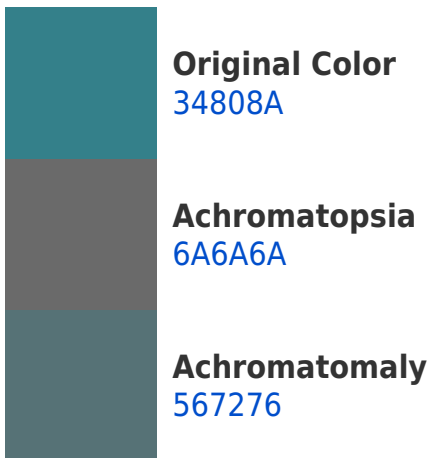


Tritanopia
34808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34808A 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 #34808A looks like.

```
.text, #text, p{  
    color:#34808A  
}
```

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 #34808A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34808A
}
```

Border

The CSS property to change the border of an element to Hex 34808A 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
#34808A }
```

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

```
.border{ border-color:#34808A }
```

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

Here you see how a box with a 4 pixel #34808A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34808A; -webkit-box-shadow:4px 4px  
4px 4px #34808A; box-shadow:4px 4px 4px  
4px #34808A }
```

Background

The CSS property to change the background color of an element to Hex 34808A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34808A }
```

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

```
.background{ background-color:#34808A }
```

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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