

Converting Colors

Hex(48828A)

Have a look what the booklet for
Hex(48828A) contains.

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Color

Hex(48828A)

Conversions

Conversions Part 1

Format	Color
Hex	48828A
RGB	72, 130, 138
RGB Percent	28%, 51%, 54%
CMY	0.7176, 0.4902, 0.4588
CMYK	0.48, 0.06, 0.00, 0.46
HSL	187°, 31%, 41%
HSV	187°, 48%, 54%
XYZ	15.2426, 19.1780, 26.9431
YIQ	113.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

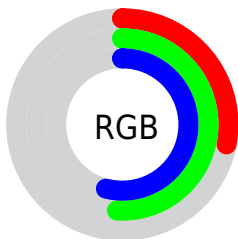
Format	Color
R_{YB}	72, 103, 138
Decimal	4752010
CIE _{Lab}	50.89, -16.69, -10.23
CIE _{LCh}	51, 19.573, 211.498
Yxy	19.1780, 0.2484, 0.3125
Android (android.graphics.Color)	4282942090 (0xFF48828A)
YUV	113.5700, 12.0440, -36.4569
Hunter-Lab	43.7926, -14.5080, -5.8229

Details

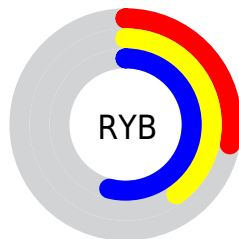
The Hex color **48828A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A5048**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7DB7BF**, and **0E5058** is the 20% darker color. If you saturate the color by 10%, you get **3A808A**, and if you desaturate by 10%, it is **56848A**.

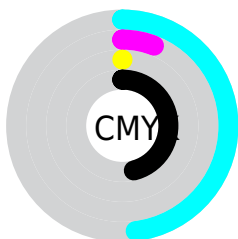
Distribution



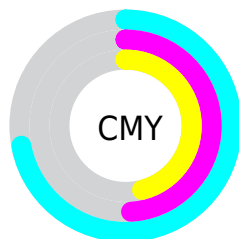
- Red (28%)
- Green (51%)
- Blue (54%)



- Red (28%)
- Yellow (40%)
- Blue (54%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (46%)



- Cyan (72%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48828A 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 48828A by changing the saturation by 10% instead.

48828A

48828A

FFFFFF

2D6971

7DB7BF

0E5058

98D3DB

003941

B4EFF8

00242B

D0FFFF

000717

EDFFFF

000000

48828A

48828A

3A808A

56848A

2C7F8A

64858A

■ 1F7D8A

■ 71878A

■ 117B8A

■ 7F898A

■ 037A8A

■ 8D8A8A

■ 00798A

■ 9B8C8A

■ A98E8A

■ B68F8A

■ C4918A

Harmonies

Analogous

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



4F8379



48828A



517F96

Triad

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



48828A



8F7089



857858

Complementary

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



48828A



8A5048

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.



93735C



48828A



9A6D79

Square

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



48828A



7D7596



9B6E69



737D5C

Rectangle

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



48828A



5E7C9A



9B6E69



8A7658

Sweetspot

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



48828A



9Aafb3



488A50



4A5759



D9D9D9



595959

Same Dimension

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



48828A



4DA6B3



48618A



3E4445



007585



000405

Inverse Universe

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



8A4882



B34DA6



8A7148



453E44



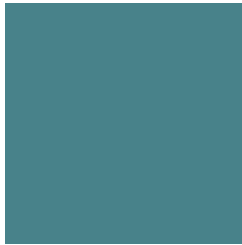
850075



050004

Previews

White Background



This preview shows how the Hex color 48828A looks on a white background.

Color Contrast Check

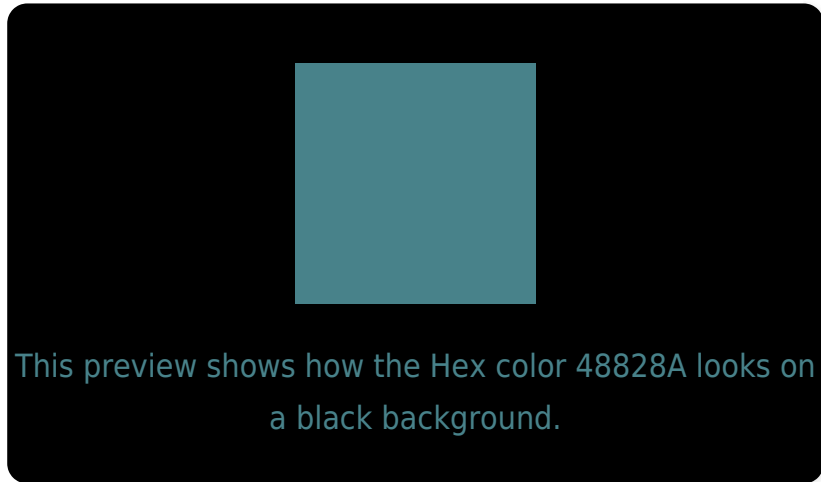
Large Text (above 18pt) WCAG AA ✓ Pass

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

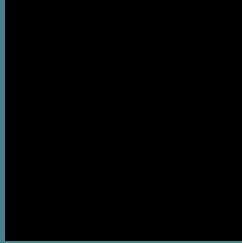
Any Text WCAG AA ✓ Pass

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 48828A Background



This preview shows how black text looks on a background with the Hex color 48828A.

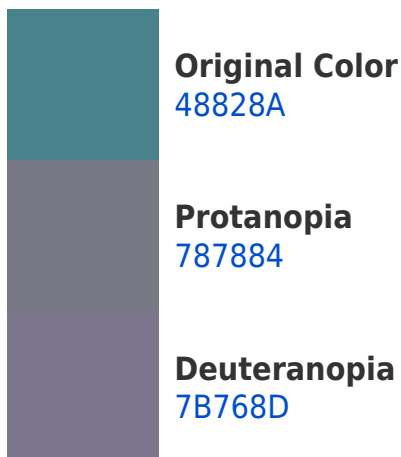



This preview shows how white text looks on a background with the Hex color 48828A.

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
49828C

Trichromacy



Original Color
48828A

Protanomaly
677C86

Deuteranomaly
687A8C

Tritanomaly
49828B

Monochromacy



Original Color
48828A

Achromatopsia
727272

Achromatomaly
63787B

CSS Examples

Text

The CSS property to change the color of the text to Hex 48828A 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 #48828A looks like.

```
.text, #text, p{  
    color:#48828A  
}
```

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 #48828A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48828A
}
```

Border

The CSS property to change the border of an element to Hex 48828A 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
#48828A }
```

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

```
.border{ border-color:#48828A }
```

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

Here you see how a box with a 4 pixel #48828A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48828A; -webkit-box-shadow:4px 4px  
4px 4px #48828A; box-shadow:4px 4px 4px  
4px #48828A }
```

Background

The CSS property to change the background color of an element to Hex 48828A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48828A }
```

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

```
.background{ background-color:#48828A }
```

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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