

Converting Colors

Hex(24748A)

Have a look what the booklet for
Hex(24748A) contains.

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Color

Hex(24748A)

Conversions

Conversions Part 1

Format	Color
Hex	24748A
RGB	36, 116, 138
RGB Percent	14%, 45%, 54%
CMY	0.8588, 0.5451, 0.4588
CMYK	0.74, 0.16, 0.00, 0.46
HSL	193°, 59%, 34%
HSV	193°, 74%, 54%
XYZ	11.5604, 14.7008, 26.2730
YIQ	94.5880, -54.7420, -10.1180

Conversions

Conversions Part 2

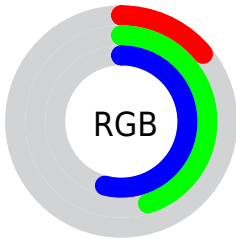
Format	Color
R_{YB}	36, 81, 138
Decimal	2389130
CIE _{Lab}	45.22, -16.15, -18.96
CIE _{LCh}	45, 24.908, 229.564
Yxy	14.7008, 0.2201, 0.2798
Android (android.graphics.Color)	4280579210 (0xFF24748A)
YUV	94.5880, 21.4021, -51.3817
Hunter-Lab	38.3417, -13.2784, -13.7884

Details

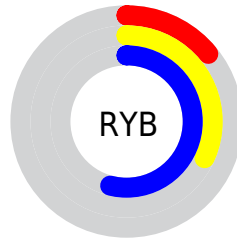
The Hex color **24748A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A3A24**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **60A8BF**, and **004458** is the 20% darker color. If you saturate the color by 10%, you get **16718A**, and if you desaturate by 10%, it is **32778A**.

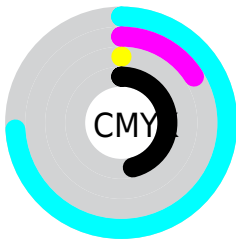
Distribution



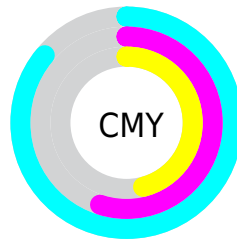
- Red (14%)
- Green (45%)
- Blue (54%)



- Red (14%)
- Yellow (32%)
- Blue (54%)



- Cyan (74%)
- Magenta (16%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24748A 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 24748A by changing the saturation by 10% instead.

■ 24748A

■ 24748A

FFFFFF

■ 005B71

■ 60A8BF

■ 004458

■ 7CC3DB

■ 002D41

■ 98DFF8

■ 001A2A

■ B5FCFF

■ 000116

■ D1FFFF

■ 000000

■ EFFFFFF

■ 24748A

■ 24748A

■ 16718A

■ 32778A

086E8A

407A8A

006C8A

4D7D8A

5B808A

69838A

77868A

85898A

928C8A

A08F8A

Harmonies

Analogous

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



227678



24748A



426F93

Triad

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



24748A



8F5C73



6B6E43

Complementary

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



24748A



8A3A24

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.



806742



24748A



945C5E

Square

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



24748A



7E6186



8E604C



54734F

Rectangle

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



24748A



596B94



8E604C



726C42

Sweetspot

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



24748A



8BAAB3



248A38



425459



D9D9D9



595959

Same Dimension

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



24748A



1490B3



24438A



3E4345



006885



000405

Inverse Universe

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



8A2474



B31490



8A6B24



453E43



850068



050004

Previews

White Background



This preview shows how the Hex color 24748A looks on a white background.

Color Contrast Check

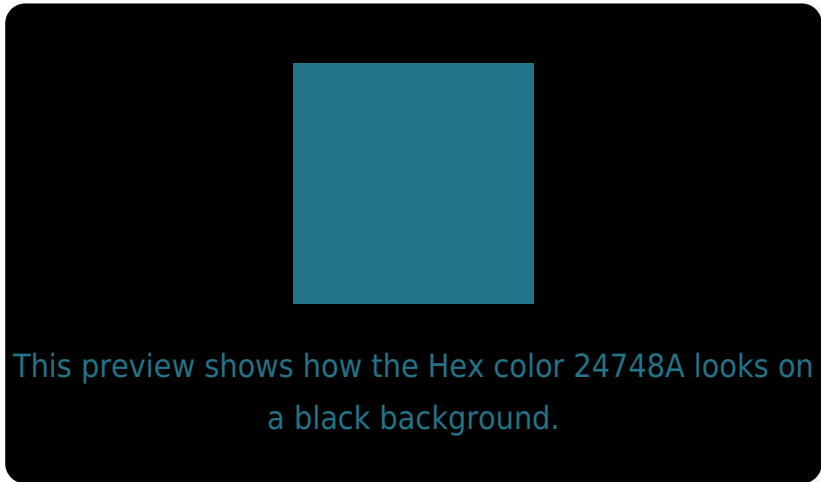
Large Text (above 18pt) WCAG AA ✓ Pass

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

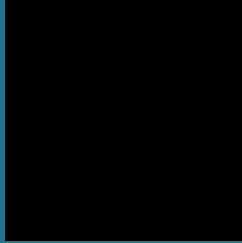
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 24748A Background



This preview shows how black text looks on a background with the Hex color 24748A.

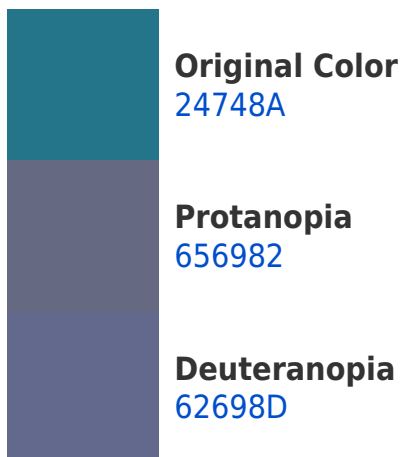


This preview shows how white text looks on a background with the Hex color 24748A.

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
1B767F

Trichromacy



Original Color
24748A

Protanomaly
4D6D85

Deuteranomaly
4B6D8C

Tritanomaly
1E7583

Monochromacy



Original Color
24748A

Achromatopsia
5F5F5F

Achromatomaly
4A676F

CSS Examples

Text

The CSS property to change the color of the text to Hex 24748A 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 #24748A looks like.

```
.text, #text, p{  
    color:#24748A  
}
```

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 #24748A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24748A
}
```

Border

The CSS property to change the border of an element to Hex 24748A 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
#24748A }
```

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

```
.border{ border-color:#24748A }
```

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

Here you see how a box with a 4 pixel #24748A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24748A; -webkit-box-shadow:4px 4px  
4px 4px #24748A; box-shadow:4px 4px 4px  
4px #24748A }
```

Background

The CSS property to change the background color of an element to Hex 24748A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24748A }
```

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

```
.background{ background-color:#24748A }
```

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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