

Converting Colors

Hex(30718C)

Have a look what the booklet for
Hex(30718C) contains.

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Color

Hex(30718C)

Conversions

Conversions Part 1

Format	Color
Hex	30718C
RGB	48, 113, 140
RGB Percent	19%, 44%, 55%
CMY	0.8118, 0.5569, 0.4510
CMYK	0.66, 0.19, 0.00, 0.45
HSL	198°, 49%, 37%
HSV	198°, 66%, 55%
XYZ	11.8577, 14.3321, 26.9523
YIQ	96.6430, -47.4070, -5.3830

Conversions

Conversions Part 2

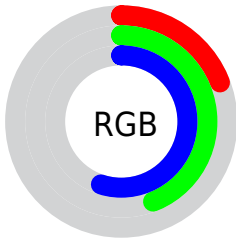
Format	Color
RYB	48, 86, 140
Decimal	3174796
CIELab	44.71, -11.82, -20.91
CIElCh	45, 24.023, 240.515
Yxy	14.3321, 0.2231, 0.2697
Android (android.graphics.Color)	4281364876 (0xFF30718C)
YUV	96.6430, 21.3750, -42.6599
Hunter-Lab	37.8577, -10.3419, -15.7104

Details

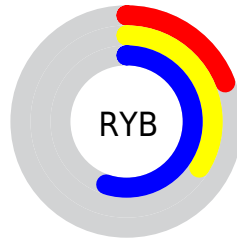
The Hex color **30718C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C4B30**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68A5C2**, and **00415A** is the 20% darker color. If you saturate the color by 10%, you get **226D8C**, and if you desaturate by 10%, it is **3E758C**.

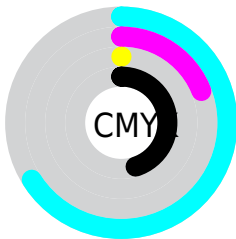
Distribution



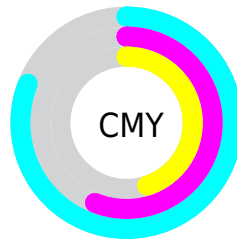
- Red (19%)
- Green (44%)
- Blue (55%)



- Red (19%)
- Yellow (34%)
- Blue (55%)



- Cyan (66%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (81%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30718C 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 30718C by changing the saturation by 10% instead.

■ 30718C

■ 30718C

FFFFFF

■ 0A5972

■ 68A5C2

■ 00415A

■ 84C0DE

■ 002B42

■ A0DCFA

■ 00172C

■ BCF8FF

■ 000117

■ D9FFFF

■ 000000

■ F6FFFF

■ 30718C

■ 30718C

■ 226D8C

■ 3E758C

■ 14698C

■ 4C798C

■ 06658C

■ 5A7D8C

■ 00638C

■ 68818C

■ 76868C

■ 848A8C

■ 928E8C

■ A0928C

■ AE968C

Harmonies

Analogous

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



22747D



30718C



4F6C91

Triad

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



30718C



905B6A



626F47

Complementary

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



30718C



8C4B30

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.



776942



30718C



905C56

Square

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



30718C



835E7E



876248



4A7355

Rectangle

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



30718C



63678F



876248



696D44

Sweetspot

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



30718C



91AAB5



308C4A



46555C



DBDBDB



5C5C5C

Same Dimension

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



30718C



268BB5



30448C



3E4345



005E85



000405

Inverse Universe

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



8C3071



B5268B



8C7830



453E43



85005E



050004

Previews

White Background



This preview shows how the Hex color 30718C looks on a white background.

Color Contrast Check

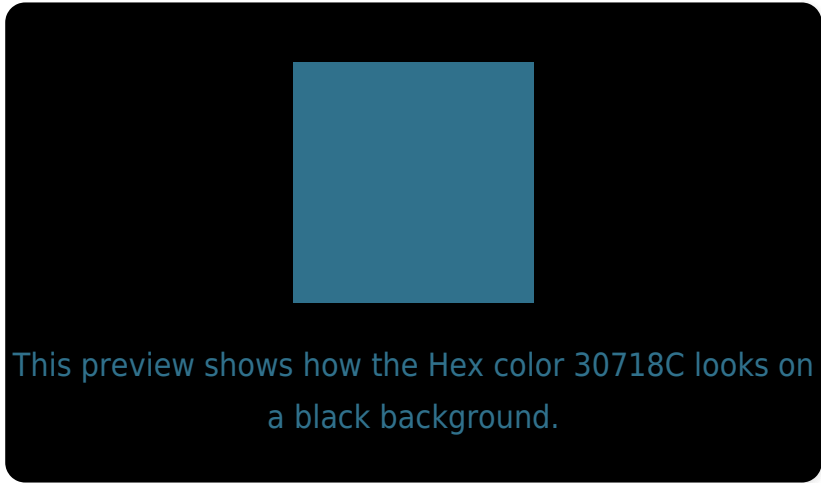
Large Text (above 18pt) WCAG AA ✓ Pass

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

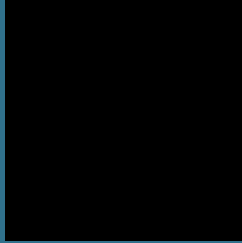
Any Text WCAG AA × Fail

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 30718C Background



This preview shows how black text looks on a background with the Hex color 30718C.

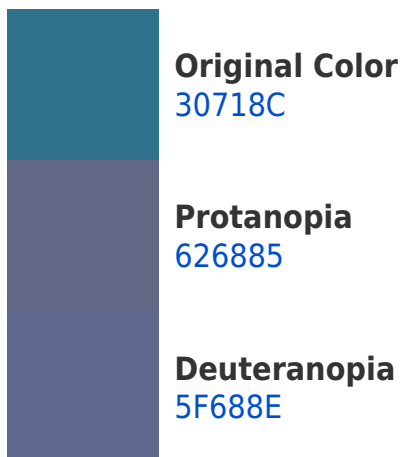


This preview shows how white text looks on a background with the Hex color 30718C.

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](#).

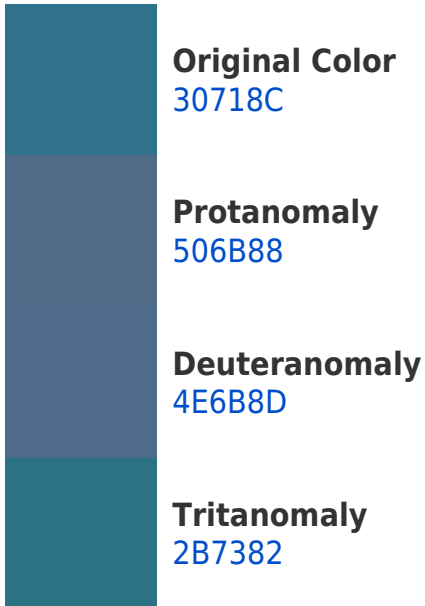
Dichromacy





Tritanopia
28747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30718C 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 #30718C looks like.

```
.text, #text, p{  
    color:#30718C  
}
```

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 #30718C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30718C
}
```

Border

The CSS property to change the border of an element to Hex 30718C 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
#30718C }
```

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

```
.border{ border-color:#30718C }
```

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

Here you see how a box with a 4 pixel #30718C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30718C; -webkit-box-shadow:4px 4px  
4px 4px #30718C; box-shadow:4px 4px 4px  
4px #30718C }
```

Background

The CSS property to change the background color of an element to Hex 30718C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30718C }
```

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

```
.background{ background-color:#30718C }
```

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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