

Converting Colors

Hex(47718D)

Have a look what the booklet for
Hex(47718D) contains.

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Color

Hex(47718D)

Conversions

Conversions Part 1

Format	Color
Hex	47718D
RGB	71, 113, 141
RGB Percent	28%, 44%, 55%
CMY	0.7216, 0.5569, 0.4471
CMYK	0.50, 0.20, 0.00, 0.45
HSL	204°, 33%, 42%
HSV	204°, 50%, 55%
XYZ	13.3114, 15.0729, 27.4071
YIQ	103.6340, -34.0200, -0.1960

Conversions

Conversions Part 2

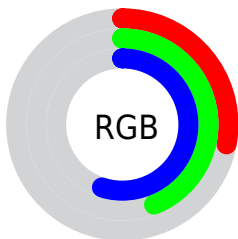
Format	Color
R_{YB}	71, 97, 141
Decimal	4682125
CIE _{Lab}	45.73, -6.44, -19.84
CIE _{LCh}	46, 20.860, 252.021
Yxy	15.0729, 0.2386, 0.2702
Android (android.graphics.Color)	4282872205 (0xFF47718D)
YUV	103.6340, 18.4214, -28.6200
Hunter-Lab	38.8239, -6.7402, -14.6781

Details

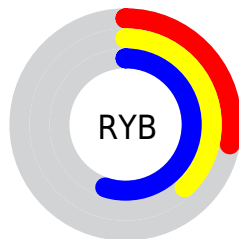
The Hex color **47718D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D6347**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7BA5C3**, and **0E415B** is the 20% darker color. If you saturate the color by 10%, you get **396B8D**, and if you desaturate by 10%, it is **55778D**.

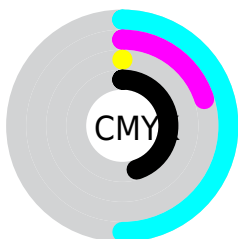
Distribution



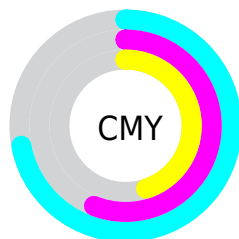
- Red (28%)
- Green (44%)
- Blue (55%)



- Red (28%)
- Yellow (38%)
- Blue (55%)



- Cyan (50%)
- Magenta (20%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47718D 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 47718D by changing the saturation by 10% instead.

■ 47718D

■ 47718D

FFFFFF

■ 2D5973

■ 7BA5C3

■ 0E415B

■ 96C0DF

■ 002B43

■ B2DCFB

■ 00172D

■ CEF8FF

■ 000118

■ EBFFFF

■ 000000

■ 47718D

■ 47718D

■ 396B8D

■ 55778D

■ 2B668D

■ 637C8D

■ 1D608D

■ 71828D

■ 0F5A8D

■ 7F888D

■ 00558D

■ 8E8D8D

■ 9C938D

■ AA988D

■ B89E8D

■ C6A48D

Harmonies

Analogous

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



377583



47718D



606C8E

Triad

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



47718D



8F5F66



5E7252

Complementary

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



47718D



8D6347

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.



726D4A



47718D



8D6256

Square

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



47718D



886177



82684B



4A7561

Rectangle

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



47718D



70678A



82684B



65714E

Sweetspot

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



47718D



9CADB8



478D63



4B555C



DBDBDB



5C5C5C

Same Dimension

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



47718D



498CB8



474E8D



404547



005187



000508

Inverse Universe

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



8D4771



B8498C



8D8647



474045



870051



080005

Previews

White Background



This preview shows how the Hex color 47718D looks on a white background.

Color Contrast Check

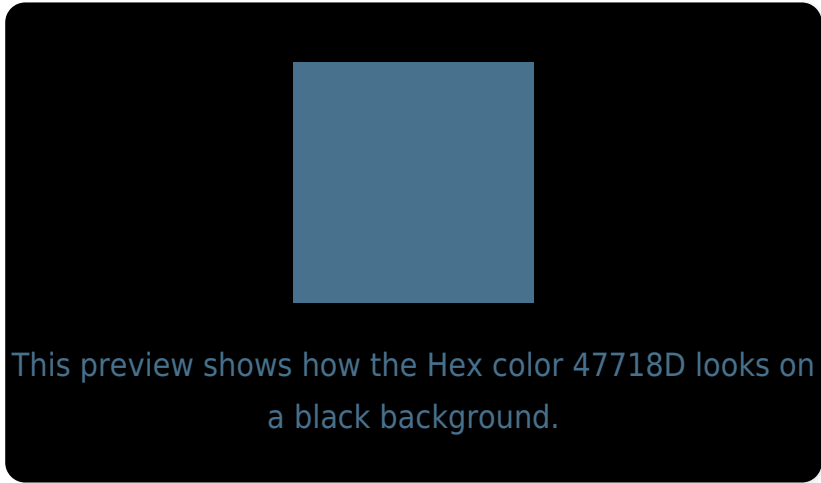
Large Text (above 18pt) WCAG AA ✓ Pass

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

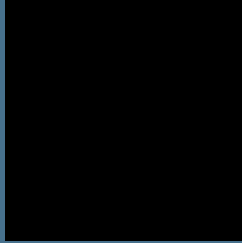
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

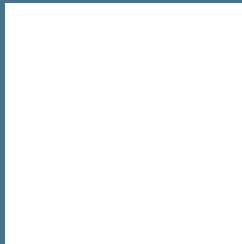
Any Text WCAG AAA × Fail

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

Hex 47718D Background



This preview shows how black text looks on a background with the Hex color 47718D.

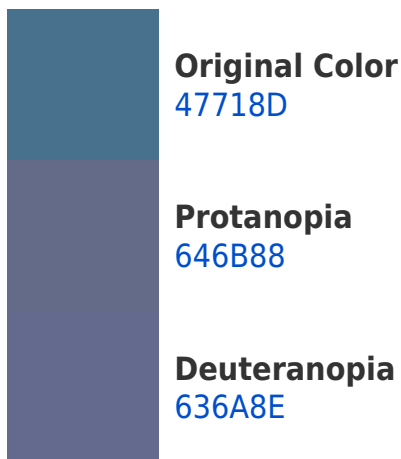


This preview shows how white text looks on a background with the Hex color 47718D.

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](#).

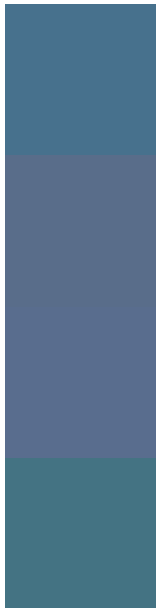
Dichromacy





Tritanopia
42747D

Trichromacy



Original Color
47718D

Protanomaly
596D8A

Deuteranomaly
596D8E

Tritanomaly
447383

Monochromacy



Original Color
47718D

Achromatopsia
686868

Achromatomaly
5C6B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 47718D 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 #47718D looks like.

```
.text, #text, p{  
    color:#47718D  
}
```

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 #47718D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47718D
}
```

Border

The CSS property to change the border of an element to Hex 47718D 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
#47718D }
```

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

```
.border{ border-color:#47718D }
```

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

Here you see how a box with a 4 pixel #47718D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47718D; -webkit-box-shadow:4px 4px  
4px 4px #47718D; box-shadow:4px 4px 4px  
4px #47718D }
```

Background

The CSS property to change the background color of an element to Hex 47718D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47718D }
```

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

```
.background{ background-color:#47718D }
```

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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