

Converting Colors

Hex(4F7782)

Have a look what the booklet for
Hex(4F7782) contains.

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Color

Hex(4F7782)

Conversions

Conversions Part 1

Format	Color
Hex	4F7782
RGB	79, 119, 130
RGB Percent	31%, 47%, 51%
CMY	0.6902, 0.5333, 0.4902
CMYK	0.39, 0.08, 0.00, 0.49
HSL	193°, 24%, 41%
HSV	193°, 39%, 51%
XYZ	13.8505, 16.4676, 23.5677
YIQ	108.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

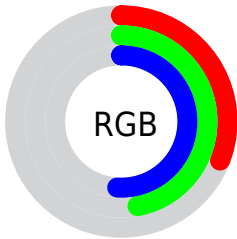
Format	Color
R_{YB}	79, 101, 130
Decimal	5207938
CIE _{Lab}	47.58, -10.95, -10.46
CIE _{LCh}	48, 15.139, 223.697
Yxy	16.4676, 0.2570, 0.3056
Android (android.graphics.Color)	4283398018 (0xFF4F7782)
YUV	108.2940, 10.7011, -25.6908
Hunter-Lab	40.5803, -10.0914, -6.0274

Details

The Hex color **4F7782** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **825A4F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **82ABB7**, and **1D4751** is the 20% darker color. If you saturate the color by 10%, you get **427482**, and if you desaturate by 10%, it is **5C7A82**.

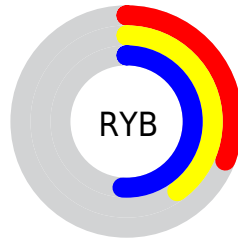
Distribution



Red (31%)

Green (47%)

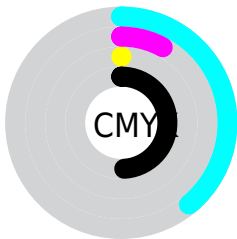
Blue (51%)



Red (31%)

Yellow (40%)

Blue (51%)

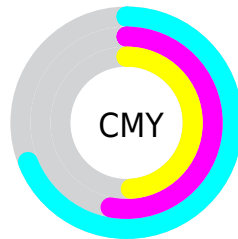


Cyan (39%)

Magenta (8%)

Yellow (0%)

Black (49%)



Cyan (69%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7782 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 4F7782 by changing the saturation by 10% instead.



4F7782



4F7782

FFFFFF



365E69



82ABB7



1D4751



9DC7D3



00303A



B9E3EF



001C24



D5FFFF



00010F



F1FFFF



000000



4F7782



4F7782



427482



5C7A82



357182



697D82

■ 286F82

■ 767F82

■ 1B6C82

■ 838282

■ 0E6982

■ 908582

■ 016682

■ 9D8882

■ 006682

■ AA8B82

■ B78D82

■ C49082

Harmonies

Analogous

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



4F7876



4F7782



597489

Triad

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



4F7782



866978



757258

Complementary

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



4F7782



825A4F

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.



816E59



4F7782



8B686B

Square

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



4F7782



7A6C83



896A60



66755E

Rectangle

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



4F7782



64718A



896A60



797158

Sweetspot

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



4F7782



94A4A8



4F8259



485254



D4D4D4



545454

Same Dimension

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



4F7782



5997A8



4F5E82



393E40



006480



000000

Inverse Universe

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



824F77



A85997



82734F



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 4F7782 looks on a white background.

Color Contrast Check

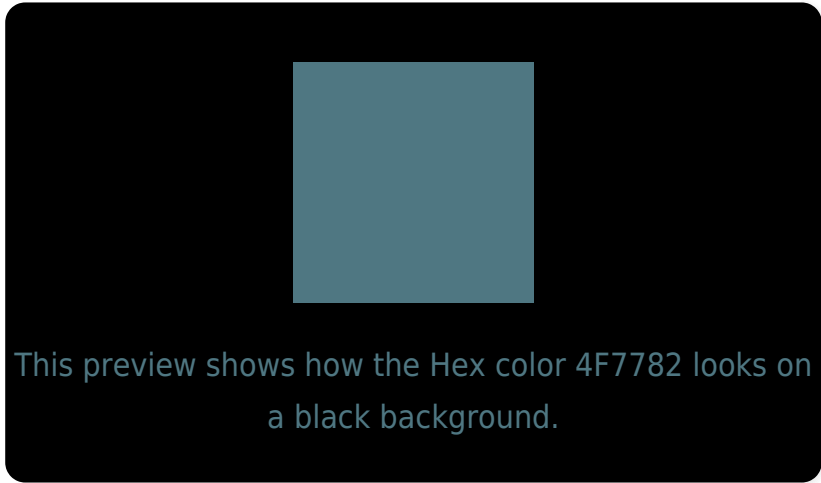
Large Text (above 18pt) WCAG AA ✓ Pass

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

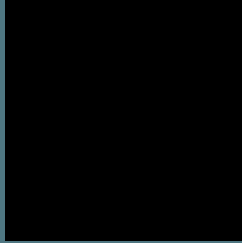
Any Text WCAG AA × Fail

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 4F7782 Background



This preview shows how black text looks on a background with the Hex color 4F7782.

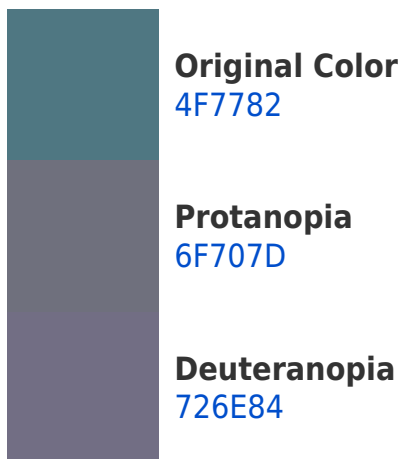


This preview shows how white text looks on a background with the Hex color 4F7782.

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
4F7781

Trichromacy



Original Color
4F7782

Protanomaly
63737F

Deuteranomaly
657183

Tritanomaly
4F7781

Monochromacy



Original Color
4F7782

Achromatopsia
6C6C6C

Achromatomaly
617074

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7782 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 #4F7782 looks like.

```
.text, #text, p{  
    color:#4F7782  
}
```

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 #4F7782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7782
}
```

Border

The CSS property to change the border of an element to Hex 4F7782 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
#4F7782 }
```

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

```
.border{ border-color:#4F7782 }
```

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

Here you see how a box with a 4 pixel #4F7782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7782; -webkit-box-shadow:4px 4px  
4px 4px #4F7782; box-shadow:4px 4px 4px  
4px #4F7782 }
```

Background

The CSS property to change the background color of an element to Hex 4F7782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7782 }
```

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

```
.background{ background-color:#4F7782 }
```

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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