

Converting Colors

Hex(4F7695)

Have a look what the booklet for
Hex(4F7695) contains.

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Color

Hex(4F7695)

Conversions

Conversions Part 1

Format	Color
Hex	4F7695
RGB	79, 118, 149
RGB Percent	31%, 46%, 58%
CMY	0.6902, 0.5373, 0.4157
CMYK	0.47, 0.21, 0.00, 0.42
HSL	207°, 31%, 45%
HSV	207°, 47%, 58%
XYZ	15.1277, 16.7891, 30.8771
YIQ	109.8730, -33.1950, 1.3730

Conversions

Conversions Part 2

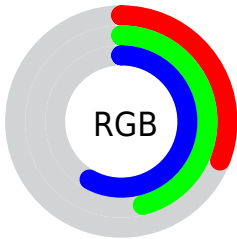
Format	Color
R _Y B	79, 104, 149
Decimal	5207701
CIE Lab	47.99, -4.87, -21.06
CIE LCh	48, 21.620, 256.992
Yxy	16.7891, 0.2409, 0.2674
Android (android.graphics.Color)	4283397781 (0xFF4F7695)
YUV	109.8730, 19.2896, -27.0756
Hunter-Lab	40.9745, -5.8034, -15.9970

Details

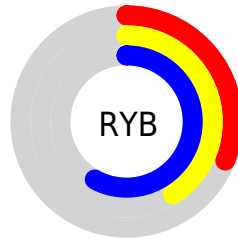
The Hex color **4F7695** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **956E4F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **84AACB**, and **194662** is the 20% darker color. If you saturate the color by 10%, you get **406F95**, and if you desaturate by 10%, it is **5E7D95**.

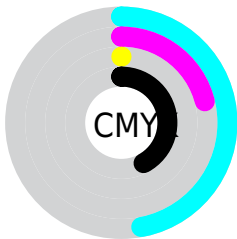
Distribution



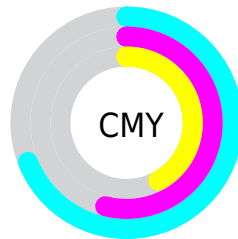
- Red (31%)
- Green (46%)
- Blue (58%)



- Red (31%)
- Yellow (41%)
- Blue (58%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7695 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 4F7695 by changing the saturation by 10% instead.

■ 4F7695

■ 4F7695

FFFFFF

■ 355D7B

■ 84AACB

■ 194662

■ 9FC5E7

■ 00304A

■ BBE1FF

■ 001B33

■ D7FEFF

■ 00021E

■ F4FFFF

■ 000001

■ 000000

■ 4F7695

■ 4F7695

■ 406F95

■ 5E7D95

■ 316995

■ 6D8395

■ 226295

■ 7C8A95

■ 135C95

■ 8B9095

■ 045595

■ 9A9795

■ 005395

■ A89E95

■ B7A495

■ C6AB95

■ D5B195

Harmonies

Analogous

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



3B7A8C



4F7695



6A7095

Triad

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



4F7695



976568



607959

Complementary

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



4F7695



956E4F

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.



74744F



4F7695



926858

Square

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



4F7695



91657B



866E4F



4B7B69

Rectangle

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



4F7695



7A6C8F



866E4F



677754

Sweetspot

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



4F7695



A7B6C2



4F956D



505A61



E0E0E0



616161

Same Dimension

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



4F7695



5592C2



4F5495



43474A



004D8A



00060A

Inverse Universe

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



954F76



C25592



95904F



4A4347



8A004D



0A0006

Previews

White Background



This preview shows how the Hex color 4F7695 looks on a white background.

Color Contrast Check

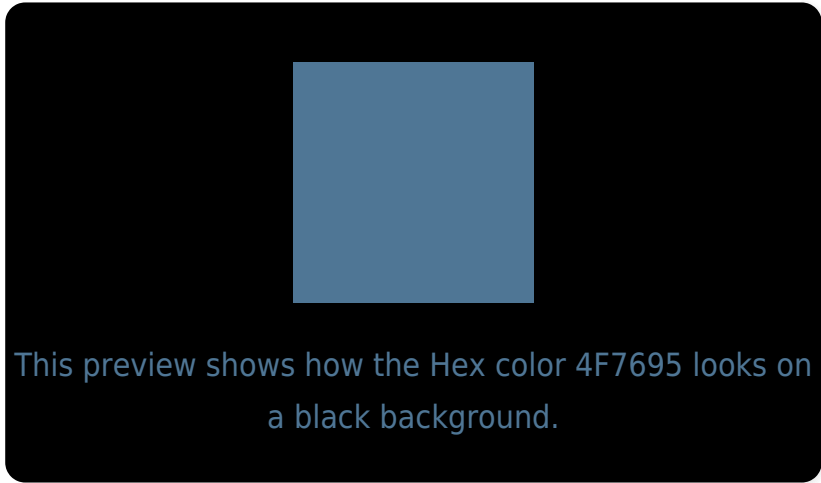
Large Text (above 18pt) WCAG AA ✓ Pass

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

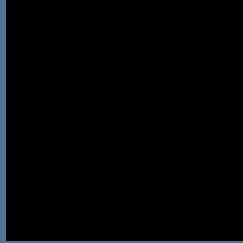
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

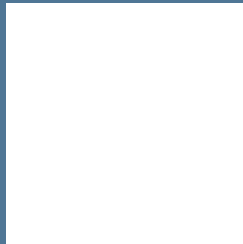
Any Text WCAG AAA × Fail

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

Hex 4F7695 Background



This preview shows how black text looks on a background with the Hex color 4F7695.

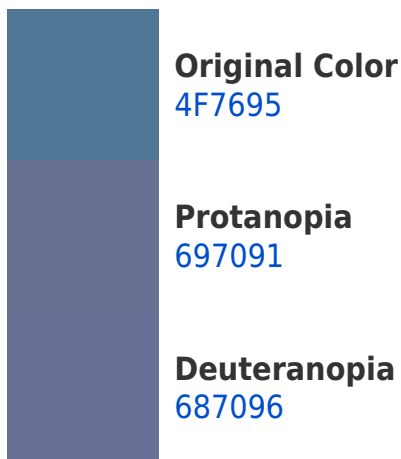


This preview shows how white text looks on a background with the Hex color 4F7695.

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](#).

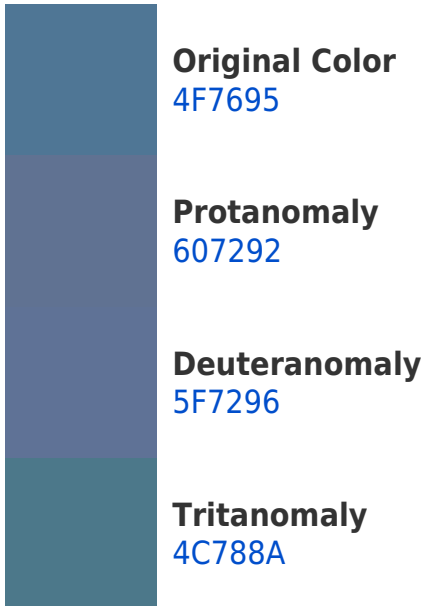
Dichromacy





Tritanopia
4A7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7695 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 #4F7695 looks like.

```
.text, #text, p{  
    color:#4F7695  
}
```

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 #4F7695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7695
}
```

Border

The CSS property to change the border of an element to Hex 4F7695 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
#4F7695 }
```

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

```
.border{ border-color:#4F7695 }
```

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

Here you see how a box with a 4 pixel #4F7695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7695; -webkit-box-shadow:4px 4px  
4px 4px #4F7695; box-shadow:4px 4px 4px  
4px #4F7695 }
```

Background

The CSS property to change the background color of an element to Hex 4F7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7695 }
```

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

```
.background{ background-color:#4F7695 }
```

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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