

# Converting Colors

Hex(747F90)

Have a look what the booklet for  
Hex(747F90) contains.

<b>Hex(747F90)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(747F90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747F90
RGB	116, 127, 144
RGB Percent	45%, 50%, 56%
CMY	0.5451, 0.5020, 0.4353
CMYK	0.19, 0.12, 0.00, 0.44
HSL	216°, 11%, 51%
HSV	216°, 19%, 56%
XYZ	19.8259, 20.9054, 29.3758
YIQ	125.6490, -12.0130, 2.9550

# Conversions

## Conversions Part 2

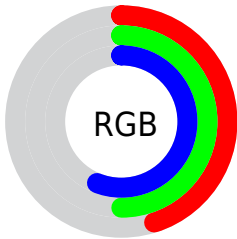
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 124, 144
Decimal	7634832
CIE <sub>Lab</sub>	52.85, -0.22, -10.53
CIE <sub>LCh</sub>	53, 10.536, 268.806
Yxy	20.9054, 0.2828, 0.2982
Android (android.graphics.Color)	4285824912 (0xFF747F90)
YUV	125.6490, 9.0470, -8.4622
Hunter-Lab	45.7224, -2.6140, -6.0870

# Details

The Hex color **747F90** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **908574**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A8B4C6**, and **434E5E** is the 20% darker color. If you saturate the color by 10%, you get **667690**, and if you desaturate by 10%, it is **828890**.

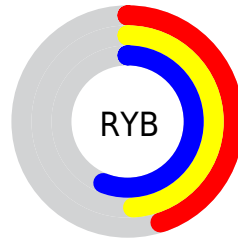
# Distribution



Red (45%)

Green (50%)

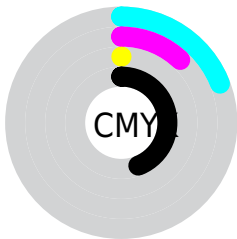
Blue (56%)



Red (45%)

Yellow (49%)

Blue (56%)

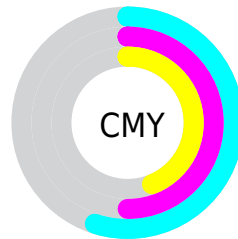


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (50%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747F90 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 747F90 by changing the saturation by 10% instead.





747F90



747F90

FFFFFF



5B6676



A8B4C6



434E5E



C4CFE2



2D3746



E0EBFE



172230



FCFFFF



000C1B



000000



747F90



747F90



667690



828890



576E90



919090

496590

9F9990

3A5C90

AEA290

2C5390

BCAB90

1E4B90

CAB390

0F4290

D9BC90

013990

E7C590

003990

F6CE90

# Harmonies

## Analogous

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



6B828D



747F90



807C8E

# Triad

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



747F90



917876



728275

# Complementary

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



747F90



908574

# 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.



7C806E



747F90



8E7A6F

# Square

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



747F90



90787F



867D6C



6A837D

# Rectangle

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



747F90



877A8A



867D6C



758272



# Sweetspot

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



747F90



AFB3BA



749085



585A5E



DEDEDE



5E5E5E



# Same Dimension

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



747F90



8FA0BA



777490



404347



003587



000308



# Inverse Universe

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



90747F



BA8FA0



8D9074



474043



870035



080003



# Previews

## White Background



This preview shows how the Hex color 747F90 looks on a white background.

## Color Contrast Check

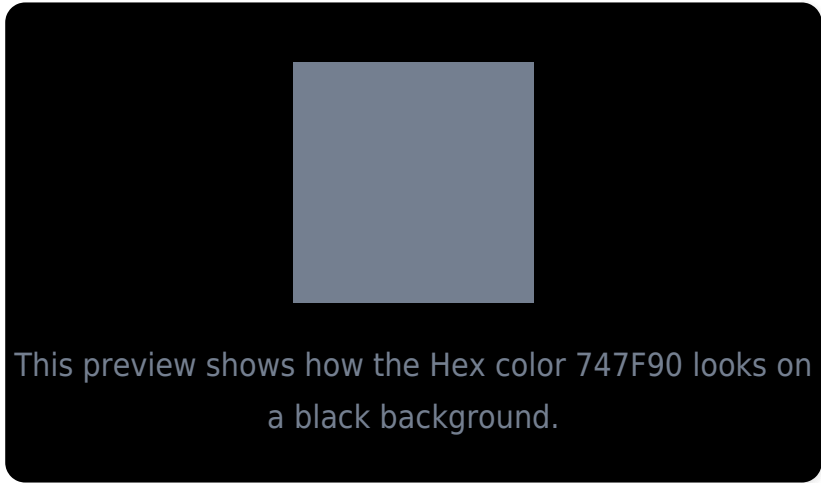
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

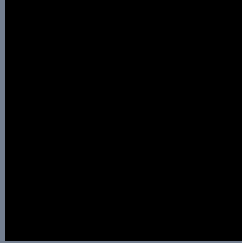
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

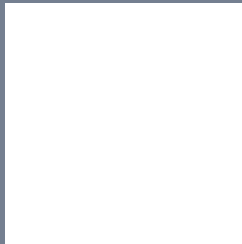
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 747F90 Background



This preview shows how black text looks on a background with the Hex color 747F90.



This preview shows how white text looks on a background with the Hex color 747F90.

# 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



**Original Color**  
747F90

**Protanopia**  
7B7D8F

**Deuteranopia**  
817B91



**Tritanopia**  
73808A

# Trichromacy



**Original Color**

747F90

**Protanomaly**

787E8F

**Deuteranomaly**

7C7C91

**Tritanomaly**

73808C

# Monochromacy



**Original Color**

747F90

**Achromatopsia**

7E7E7E

**Achromatomaly**

7A7E85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747F90 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 #747F90 looks like.

```
.text, #text, p{  
    color:#747F90  
}
```

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 #747F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747F90
}
```

## Border

The CSS property to change the border of an element to Hex 747F90 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
#747F90 }
```

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

```
.border{ border-color:#747F90 }
```

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

Here you see how a box with a 4 pixel #747F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747F90; -webkit-box-shadow:4px 4px  
4px 4px #747F90; box-shadow:4px 4px 4px  
4px #747F90 }
```

# Background

The CSS property to change the background color of an element to Hex 747F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747F90 }
```

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

```
.background{ background-color:#747F90 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor