

# Converting Colors

Hex(748491)

Have a look what the booklet for  
Hex(748491) contains.

<b>Hex(748491)</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(748491)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748491
RGB	116, 132, 145
RGB Percent	45%, 52%, 57%
CMY	0.5451, 0.4824, 0.4314
CMYK	0.20, 0.09, 0.00, 0.43
HSL	207°, 12%, 51%
HSV	207°, 20%, 57%
XYZ	20.5646, 22.2599, 30.0008
YIQ	128.6980, -13.7090, 0.6510

# Conversions

## Conversions Part 2

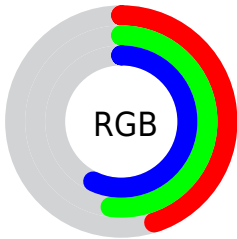
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 126, 145
Decimal	7636113
CIE <sub>Lab</sub>	54.30, -2.86, -8.93
CIE <sub>LCh</sub>	54, 9.379, 252.266
Yxy	22.2599, 0.2824, 0.3057
Android (android.graphics.Color)	4285826193 (0xFF748491)
YUV	128.6980, 8.0369, -11.1361
Hunter-Lab	47.1804, -4.7626, -4.6747

# Details

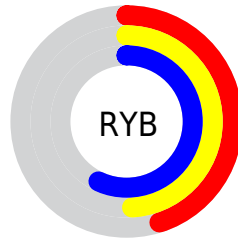
The Hex color **748491** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **918174**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A8B9C7**, and **43535F** is the 20% darker color. If you saturate the color by 10%, you get **667E91**, and if you desaturate by 10%, it is **838B91**.

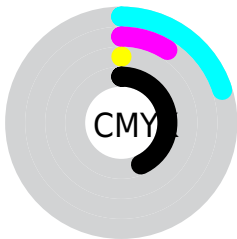
# Distribution



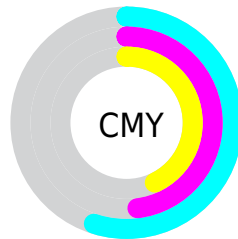
- Red (45%)
- Green (52%)
- Blue (57%)



- Red (45%)
- Yellow (49%)
- Blue (57%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (43%)



- Cyan (55%)
- Magenta (48%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748491 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 748491 by changing the saturation by 10% instead.



■ 748491

■ 748491

FFFFFF

■ 5B6B77

■ A8B9C7

■ 43535F

■ C4D5E3

■ 2C3C47

■ E0F1FF

■ 172631

■ FCFFFF

■ 00111C

■ 000000

■ 748491

■ 748491

■ 667E91

■ 838B91

■ 577791

■ 919191

497191

A09891

3A6A91

AE9E91

2C6491

BDA491

1D5D91

CBAB91

0E5791

DAB191

005091

E8B891

F6BE91

# Harmonies

## Analogous

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



6E868C



748491



7D8192

# Triad

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



748491



937C7F



7C8576

# Complementary

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



748491



918174

# 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.



858272



748491



927D77

# Square

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



748491



8F7D87



8D8073



73867D

# Rectangle

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



748491



848090



8D8073



7F8474



# Sweetspot

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



748491



B1B8BD



749181



585B5E



DEDEDE



5E5E5E



# Same Dimension

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



748491



8FA8BD



747691



404447



004B87



000408



# Inverse Universe

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



917484



BD8FA8



918F74



474044



87004B



080004



# Previews

## White Background



This preview shows how the Hex color 748491 looks on a white background.

## Color Contrast Check

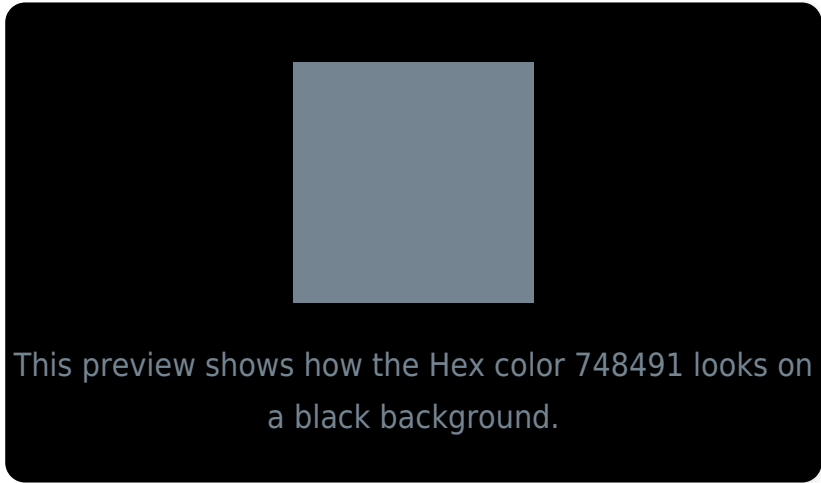
Large Text (above 18pt) WCAG AA ✓ Pass

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

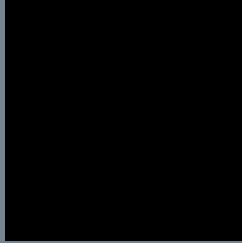
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

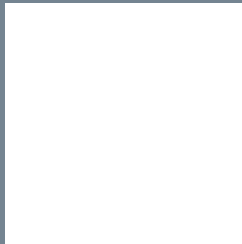
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 748491 Background



This preview shows how black text looks on a background with the Hex color 748491.

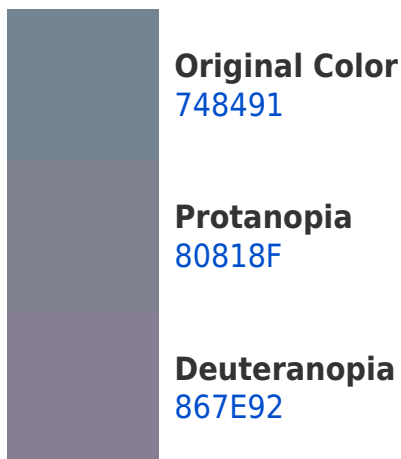


This preview shows how white text looks on a background with the Hex color 748491.

# 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**  
74848F

# Trichromacy



**Original Color**

748491

**Protanomaly**

7C8290

**Deuteranomaly**

7F8092

**Tritanomaly**

748490

# Monochromacy



**Original Color**

748491

**Achromatopsia**

818181

**Achromatomaly**

7C8287

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748491 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 #748491 looks like.

```
.text, #text, p{  
    color:#748491  
}
```

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 #748491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748491
}
```

## Border

The CSS property to change the border of an element to Hex 748491 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
#748491 }
```

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

```
.border{ border-color:#748491 }
```

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

Here you see how a box with a 4 pixel #748491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748491; -webkit-box-shadow:4px 4px  
4px 4px #748491; box-shadow:4px 4px 4px  
4px #748491 }
```

# Background

The CSS property to change the background color of an element to Hex 748491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748491 }
```

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

```
.background{ background-color:#748491 }
```

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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