

Converting Colors

Hex(747D9E)

Have a look what the booklet for
Hex(747D9E) contains.

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Color

Hex(747D9E)

Conversions

Conversions Part 1

Format	Color
Hex	747D9E
RGB	116, 125, 158
RGB Percent	45%, 49%, 62%
CMY	0.5451, 0.5098, 0.3804
CMYK	0.27, 0.21, 0.00, 0.38
HSL	227°, 18%, 54%
HSV	227°, 27%, 62%
XYZ	20.7076, 20.8489, 35.2806
YIQ	126.0710, -15.9570, 8.3550

Conversions

Conversions Part 2

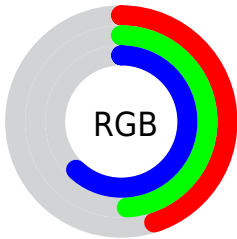
Format	Color
R _Y B	116, 123, 158
Decimal	7634334
CIE _{Lab}	52.78, 4.38, -18.78
CIE _{LCh}	53, 19.281, 283.132
Y _{xy}	20.8489, 0.2695, 0.2713
Android (android.graphics.Color)	4285824414 (0xFF747D9E)
Y _{UV}	126.0710, 15.7410, -8.8323
Hunter-Lab	45.6605, 1.0460, -13.8493

Details

The Hex color **747D9E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E9574**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A9B2D5**, and **434C6B** is the 20% darker color. If you saturate the color by 10%, you get **64719E**, and if you desaturate by 10%, it is **84899E**.

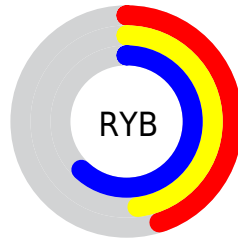
Distribution



Red (45%)

Green (49%)

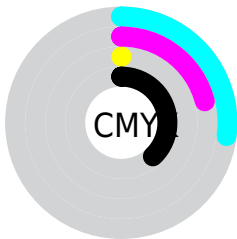
Blue (62%)



Red (45%)

Yellow (48%)

Blue (62%)

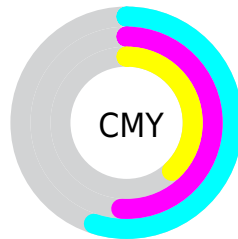


Cyan (27%)

Magenta (21%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (51%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747D9E 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 747D9E by changing the saturation by 10% instead.

■ 747D9E

■ 747D9E

FFFFFF

■ 5B6484

■ A9B2D5

■ 434C6B

■ C4CDF1

■ 2B3652

■ E0E9FF

■ 14213B

FDFFFF

■ 000925

■ 00010F

■ 000000

■ 747D9E

■ 747D9E

■ 64719E

■ 84899E

■ 54649E

■ 94969E

■ 45589E

■ A3A29E

■ 354B9E

■ B3AF9E

■ 253F9E

■ C3BB9E

■ 15339E

■ D3C79E

■ 05269E

■ E3D49E

■ 00229E

■ F2E09E

■ FFED9E

Harmonies

Analogous

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



5E829D



747D9E



8A7796

Triad

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



747D9E



9D7568



5E8774

Complementary

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



747D9E



9E9574

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.



708465



747D9E



937A5F

Square

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



747D9E



A07277



837F5E



508785

Rectangle

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



747D9E



95748D



837F5E



64866F

Sweetspot

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



747D9E



BEC2CF



749E95



5E6069



E8E8E8



696969

Same Dimension

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



747D9E



8C9BCF



80749E



47494F



001F8F



00030F

Inverse Universe

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



9E747D



CF8C9B



929E74



4F4749



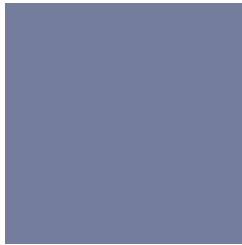
8F001F



0F0003

Previews

White Background



This preview shows how the Hex color 747D9E looks on a white background.

Color Contrast Check

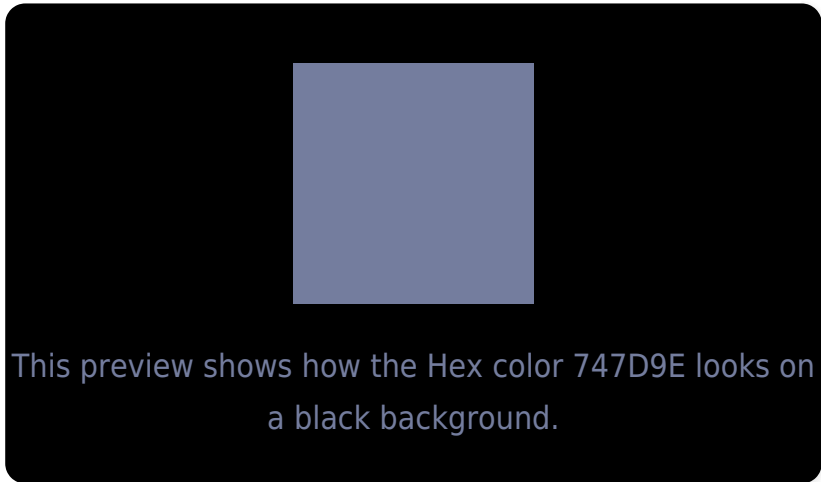
Large Text (above 18pt) WCAG AA ✓ Pass

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

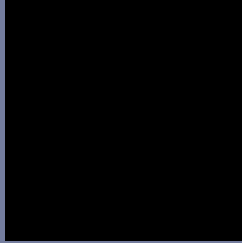
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

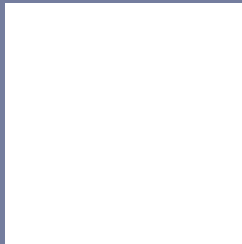
Any Text WCAG AAA × Fail

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

Hex 747D9E Background



This preview shows how black text looks on a background with the Hex color 747D9E.



This preview shows how white text looks on a background with the Hex color 747D9E.

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
747D9E

Protanopia
767D9E

Deuteranopia
797B9E



Tritanopia
70808B

Trichromacy



Original Color

747D9E

Protanomaly

757D9E

Deuteranomaly

777C9E

Tritanomaly

717F92

Monochromacy



Original Color

747D9E

Achromatopsia

7E7E7E

Achromatomaly

7A7E8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 747D9E 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 #747D9E looks like.

```
.text, #text, p{  
    color:#747D9E  
}
```

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 #747D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747D9E
}
```

Border

The CSS property to change the border of an element to Hex 747D9E 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
#747D9E }
```

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

```
.border{ border-color:#747D9E }
```

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

Here you see how a box with a 4 pixel #747D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747D9E; -webkit-box-shadow:4px 4px  
4px 4px #747D9E; box-shadow:4px 4px 4px  
4px #747D9E }
```

Background

The CSS property to change the background color of an element to Hex 747D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747D9E }
```

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

```
.background{ background-color:#747D9E }
```

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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