

Converting Colors

Hex(747DC9)

Have a look what the booklet for
Hex(747DC9) contains.

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Color

Hex(747DC9)

Conversions

Conversions Part 1

Format	Color
Hex	747DC9
RGB	116, 125, 201
RGB Percent	45%, 49%, 79%
CMY	0.5451, 0.5098, 0.2118
CMYK	0.42, 0.38, 0.00, 0.21
HSL	234°, 44%, 62%
HSV	234°, 42%, 79%
XYZ	25.0787, 22.5973, 58.2983
YIQ	130.9730, -29.7600, 21.7280

Conversions

Conversions Part 2

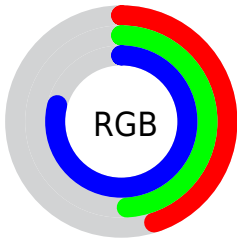
Format	Color
R _Y B	116, 124, 201
Decimal	7634377
CIE _{Lab}	54.66, 16.15, -40.58
CIE _{LCh}	55, 43.679, 291.696
Yxy	22.5973, 0.2366, 0.2132
Android (android.graphics.Color)	4285824457 (0xFF747DC9)
YUV	130.9730, 34.5233, -13.1313
Hunter-Lab	47.5366, 10.9815, -39.4369

Details

The Hex color **747DC9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C9C074**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ABB1FF**, and **3E4C93** is the 20% darker color. If you saturate the color by 10%, you get **606BC9**, and if you desaturate by 10%, it is **888FC9**.

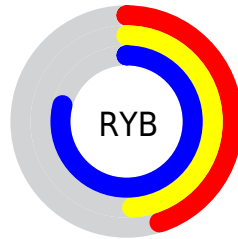
Distribution



Red (45%)

Green (49%)

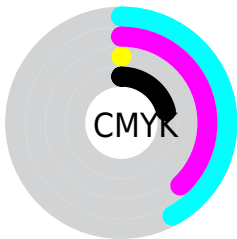
Blue (79%)



Red (45%)

Yellow (49%)

Blue (79%)

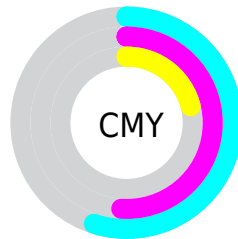


Cyan (42%)

Magenta (38%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (51%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747DC9 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 747DC9 by changing the saturation by 10% instead.

■ 747DC9

■ 747DC9

FFFFFF

■ 5964AD

■ ABB1FF

■ 3E4C93

■ C8CDFF

■ 203678

■ E4E9FF

■ 00215F

■ 000C47

■ 000430

■ 00011A

■ 000000

■ 747DC9

■ 747DC9

606BC9

888FC9

4C59C9

9CA1C9

3847C9

B0B3C9

2435C9

C4C5C9

1023C9

D9D7C9

0015C9

EDE9C9

FFFBC9

FFFFC9

Harmonies

Analogous

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



048ACD



747DC9



A76EB2

Triad

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



747DC9



BC6F49



009577

Complementary

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



747DC9



C9C074

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.



519152



747DC9



A27D36

Square

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



747DC9



C96469



7E8939



00969D

Rectangle

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



747DC9



BC669B



7E8939



21946A

Sweetspot

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



747DC9



DEE1FF



74C9BF



6B6D80



000000



808080

Same Dimension

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



747DC9



7D8BFF



9574C9



5A5B63



0011A3



000424

Inverse Universe

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



C9747D



FF7D8B



A8C974



635A5B



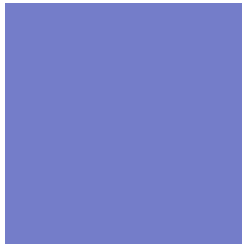
A30011



240004

Previews

White Background



This preview shows how the Hex color 747DC9 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

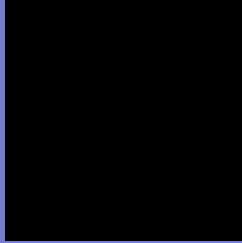
Any Text WCAG AA ✓ Pass

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 747DC9 Background



This preview shows how black text looks on a background with the Hex color 747DC9.



This preview shows how white text looks on a background with the Hex color 747DC9.

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
747DC9

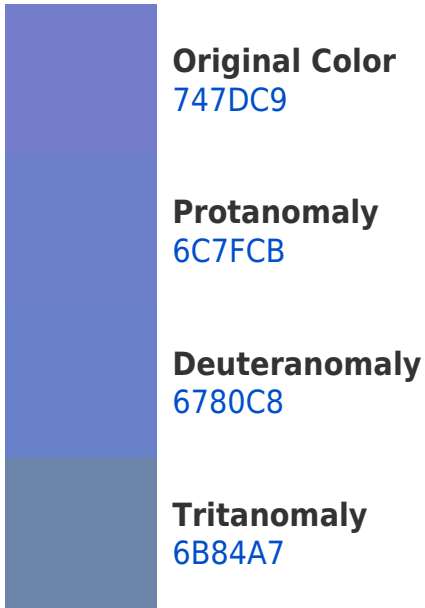
Protanopia
6780CC

Deuteranopia
6082C8



Tritanopia
668893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 747DC9 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 #747DC9 looks like.

```
.text, #text, p{  
    color:#747DC9  
}
```

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 #747DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747DC9
}
```

Border

The CSS property to change the border of an element to Hex 747DC9 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
#747DC9 }
```

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

```
.border{ border-color:#747DC9 }
```

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

Here you see how a box with a 4 pixel #747DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747DC9; -webkit-box-shadow:4px 4px  
4px 4px #747DC9; box-shadow:4px 4px 4px  
4px #747DC9 }
```

Background

The CSS property to change the background color of an element to Hex 747DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747DC9 }
```

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

```
.background{ background-color:#747DC9 }
```

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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