

Converting Colors

Hex(747EB3)

Have a look what the booklet for
Hex(747EB3) contains.

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Color

Hex(747EB3)

Conversions

Conversions Part 1

Format	Color
Hex	747EB3
RGB	116, 126, 179
RGB Percent	45%, 49%, 70%
CMY	0.5451, 0.5059, 0.2980
CMYK	0.35, 0.30, 0.00, 0.30
HSL	230°, 29%, 58%
HSV	230°, 35%, 70%
XYZ	22.8000, 21.8894, 45.6712
YIQ	129.0520, -22.9730, 14.3630

Conversions

Conversions Part 2

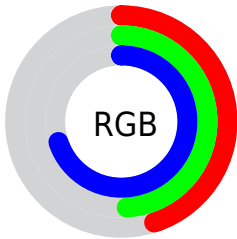
Format	Color
R_{YB}	116, 125, 179
Decimal	7634611
CIE _{Lab}	53.91, 9.34, -29.18
CIE _{LCh}	54, 30.637, 287.746
Yxy	21.8894, 0.2523, 0.2422
Android (android.graphics.Color)	4285824691 (0xFF747EB3)
YUV	129.0520, 24.6244, -11.4466
Hunter-Lab	46.7861, 5.1117, -25.1269

Details

The Hex color **747EB3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B3A974**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AAB3EB**, and **414D7E** is the 20% darker color. If you saturate the color by 10%, you get **626FB3**, and if you desaturate by 10%, it is **868DB3**.

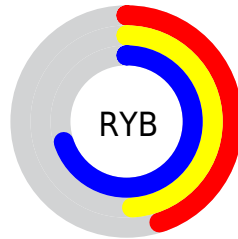
Distribution



Red (45%)

Green (49%)

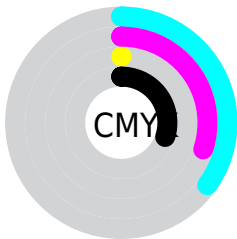
Blue (70%)



Red (45%)

Yellow (49%)

Blue (70%)

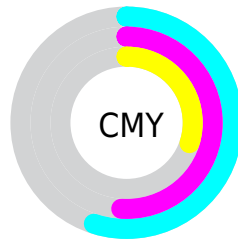


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (51%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747EB3 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 747EB3 by changing the saturation by 10% instead.

■ 747EB3

■ 747EB3

FFFFFF

■ 5A6598

■ AAB3EB

■ 414D7E

■ C6CEFF

■ 273765

■ E2EAFF

■ 0A224D

■ 000B36

■ 000220

■ 000003

■ 000000

■ 747EB3

■ 747EB3

■ 626FB3

■ 868DB3

■ 5060B3

■ 989CB3

■ 3E51B3

■ AAABB3

■ 2C42B3

■ BCBAB3

■ 1B33B3

■ CDC9B3

■ 0924B3

■ DFD8B3

■ 001CB3

■ F1E7B3

■ FFF6B3

■ FFFFB3

Harmonies

Analogous

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



4787B4



747EB3



9774A5

Triad

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



747EB3



AE735B



438E75

Complementary

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



747EB3



B3A974

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.



658B5C



747EB3



9C7C4D

Square

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



747EB3



B56D72



83844E



1C8F90

Rectangle

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



747EB3



A86F95



83844E



4E8D6C

Sweetspot

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



747EB3



CFD3E8



74B3A8



666875



F5F5F5



757575

Same Dimension

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



747EB3



8796E8



8974B3



505259



001899



00041A

Inverse Universe

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



B3747E



E88796



9EB374



595052



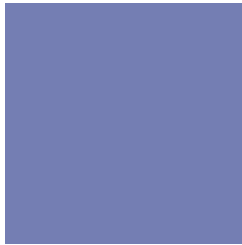
990018



1A0004

Previews

White Background



This preview shows how the Hex color 747EB3 looks on a white background.

Color Contrast Check

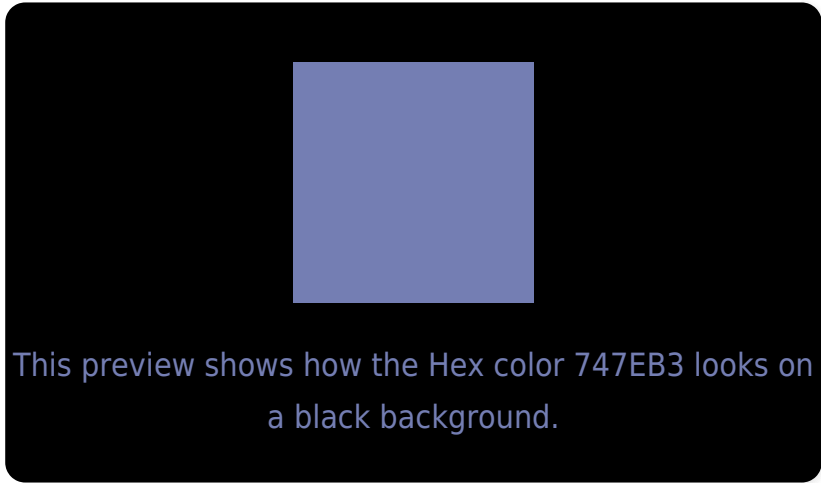
Large Text (above 18pt) WCAG AA ✓ Pass

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

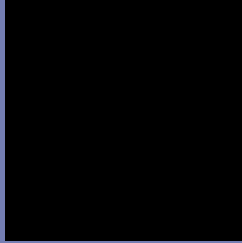
Any Text WCAG AA ✓ Pass

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 747EB3 Background



This preview shows how black text looks on a background with the Hex color 747EB3.



This preview shows how white text looks on a background with the Hex color 747EB3.

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


747EB3

Protanopia

717FB4

Deuteranopia

707FB3



Tritanopia
6C858F

Trichromacy



Original Color
747EB3

Protanomaly
727FB4

Deuteranomaly
717FB3

Tritanomaly
6F829C

Monochromacy



Original Color
747EB3

Achromatopsia
818181

Achromatomaly
7C8093

CSS Examples

Text

The CSS property to change the color of the text to Hex 747EB3 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 #747EB3 looks like.

```
.text, #text, p{  
    color:#747EB3  
}
```

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 #747EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747EB3
}
```

Border

The CSS property to change the border of an element to Hex 747EB3 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
#747EB3 }
```

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

```
.border{ border-color:#747EB3 }
```

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

Here you see how a box with a 4 pixel #747EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747EB3; -webkit-box-shadow:4px 4px  
4px 4px #747EB3; box-shadow:4px 4px 4px  
4px #747EB3 }
```

Background

The CSS property to change the background color of an element to Hex 747EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747EB3 }
```

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

```
.background{ background-color:#747EB3 }
```

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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