

Converting Colors

Hex(747DD5)

Have a look what the booklet for
Hex(747DD5) contains.

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Color

Hex(747DD5)

Conversions

Conversions Part 1

Format	Color
Hex	747DD5
RGB	116, 125, 213
RGB Percent	45%, 49%, 84%
CMY	0.5451, 0.5098, 0.1647
CMYK	0.46, 0.41, 0.00, 0.16
HSL	234°, 54%, 65%
HSV	234°, 46%, 84%
XYZ	26.5463, 23.1843, 66.0267
YIQ	132.3410, -33.6120, 25.4600

Conversions

Conversions Part 2

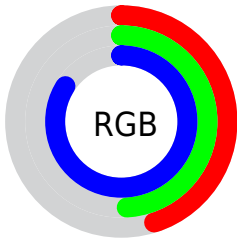
Format	Color
RYB	116, 124, 213
Decimal	7634389
CIELab	55.26, 19.67, -46.42
CIELCh	55, 50.415, 292.965
Yxy	23.1843, 0.2293, 0.2003
Android (android.graphics.Color)	4285824469 (0xFF747DD5)
YUV	132.3410, 39.7649, -14.3311
Hunter-Lab	48.1501, 14.1487, -47.5974

Details

The Hex color **747DD5** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D5CC74**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **ACB1FF**, and **3B4C9E** is the 20% darker color. If you saturate the color by 10%, you get **5F6AD5**, and if you desaturate by 10%, it is **8990D5**.

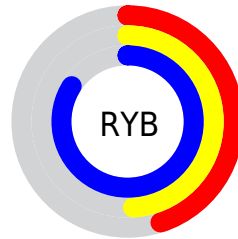
Distribution



Red (45%)

Green (49%)

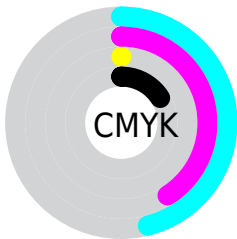
Blue (84%)



Red (45%)

Yellow (49%)

Blue (84%)

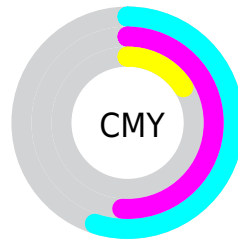


Cyan (46%)

Magenta (41%)

Yellow (0%)

Black (16%)



Cyan (55%)

Magenta (51%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747DD5 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 747DD5 by changing the saturation by 10% instead.

■ 747DD5

■ 747DD5

FFFFFF

■ 5864B9

■ ACB1FF

■ 3B4C9E

■ C9CDFF

■ 1A3683

■ E6E9FF

■ 00216A

■ 000D51

■ 000539

■ 000223

■ 000009

■ 000000

 747DD5

 747DD5

 5F6AD5

 8990D5

 4956D5

 9FA4D5

 3443D5

 B4B7D5

 1F30D5

 C9CAD5

 091CD5

 DFDED5

 0014D5

 F4F1D5

 FFFFD5

Harmonies

Analogous

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



008CDB



747DD5



B06BB9

Triad

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



747DD5



C46E3F



009978

Complementary

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



747DD5



D5CC74

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.



44954D



747DD5



A57F28

Square

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



747DD5



D45F65



7B8C2E



0099A5

Rectangle

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



747DD5



C7619F



7B8C2E



009869

Sweetspot

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



747DD5



DBDFFF



74D5CB



6A6C80



000000



808080

Same Dimension

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



747DD5



7380FF



9B74D5



60616B



0010AB



00042B

Inverse Universe

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



D5747D



FF7380



AED574



6B6061



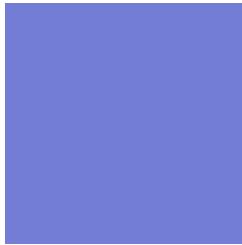
AB0010



2B0004

Previews

White Background



This preview shows how the Hex color 747DD5 looks on a white background.

Color Contrast Check

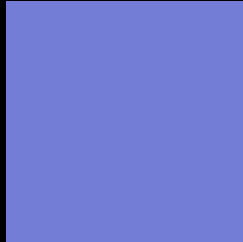
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 747DD5 looks on a 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 747DD5 Background



This preview shows how black text looks on a background with the Hex color 747DD5.



This preview shows how white text looks on a background with the Hex color 747DD5.

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
747DD5

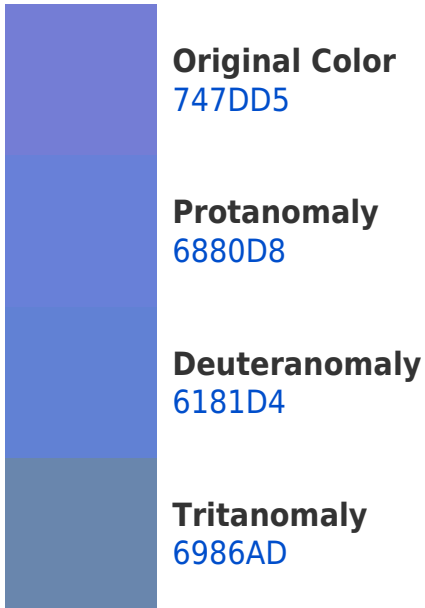
Protanopia
6181D9

Deuteranopia
5684D3



Tritanopia
628B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 747DD5 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 #747DD5 looks like.

```
.text, #text, p{  
    color:#747DD5  
}
```

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 #747DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747DD5
}
```

Border

The CSS property to change the border of an element to Hex 747DD5 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
#747DD5 }
```

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

```
.border{ border-color:#747DD5 }
```

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

Here you see how a box with a 4 pixel #747DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747DD5; -webkit-box-shadow:4px 4px  
4px 4px #747DD5; box-shadow:4px 4px 4px  
4px #747DD5 }
```

Background

The CSS property to change the background color of an element to Hex 747DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747DD5 }
```

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

```
.background{ background-color:#747DD5 }
```

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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