

Converting Colors

Hex(7476D3)

Have a look what the booklet for
Hex(7476D3) contains.

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Color

Hex(7476D3)

Conversions

Conversions Part 1

Format	Color
Hex	7476D3
RGB	116, 118, 211
RGB Percent	45%, 46%, 83%
CMY	0.5451, 0.5373, 0.1725
CMYK	0.45, 0.44, 0.00, 0.17
HSL	239°, 52%, 64%
HSV	239°, 45%, 83%
XYZ	25.4388, 21.3730, 64.4127
YIQ	128.0040, -31.0450, 28.4990

Conversions

Conversions Part 2

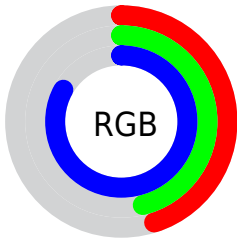
Format	Color
RYB	116, 118, 211
Decimal	7632595
CIELab	53.36, 23.28, -48.32
CIELCh	53, 53.630, 295.724
Yxy	21.3730, 0.2287, 0.1922
Android (android.graphics.Color)	4285822675 (0xFF7476D3)
YUV	128.0040, 40.9170, -10.5275
Hunter-Lab	46.2310, 17.3161, -50.2459

Details

The Hex color **7476D3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D3D174**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ACAAFF**, and **3B469C** is the 20% darker color. If you saturate the color by 10%, you get **5F61D3**, and if you desaturate by 10%, it is **898BD3**.

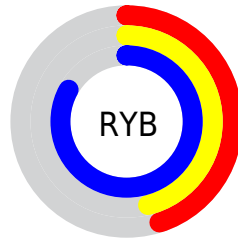
Distribution



Red (45%)

Green (46%)

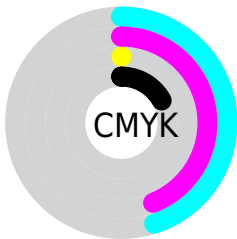
Blue (83%)



Red (45%)

Yellow (46%)

Blue (83%)

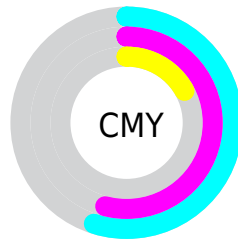


Cyan (45%)

Magenta (44%)

Yellow (0%)

Black (17%)



Cyan (55%)

Magenta (54%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7476D3 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 7476D3 by changing the saturation by 10% instead.

■ 7476D3

■ 7476D3

FFFFFF

■ 585DB7

■ ACAAFF

■ 3B469C

■ C9C5FF

■ 1A3081

■ E6E1FF

■ 001B68

FFFEFF

■ 00044F

■ 000537

■ 000221

■ 000006

■ 000000

 7476D3

 7476D3

 5F61D3

 898BD3

 4A4DD3

 9E9FD3

 3538D3

 B3B4D3

 2023D3

 C8C9D3

 0B0FD3

 DDDDD3

 0004D3

 F3F2D3

 FFFFD3

Harmonies

Analogous

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



0087DC



7476D3



B162B4

Triad

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



7476D3



BF6933



009577

Complementary

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



7476D3



D3D174

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.



309149



7476D3



9D7B19

Square

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



7476D3



D2585A



708924



0095A6

Rectangle

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



7476D3



C85797



708924



009467

Sweetspot

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



7476D3



DBDCFF



74D3D0



6A6A80



000000



808080

Same Dimension

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



7476D3



7578FF



A074D3



5E5E69



0004A8



000129

Inverse Universe

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



D37476



FF7578



A7D374



695E5E



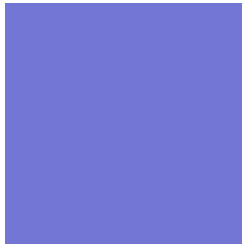
A80004



290001

Previews

White Background



This preview shows how the Hex color 7476D3 looks on a white background.

Color Contrast Check

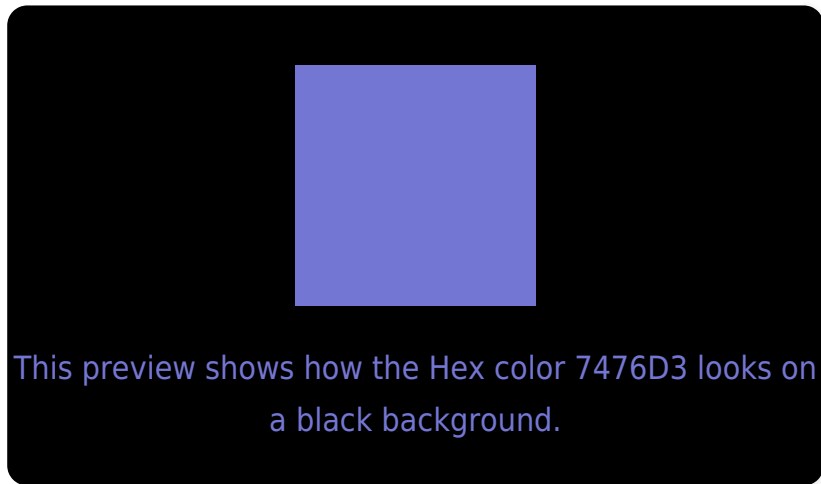
Large Text (above 18pt) WCAG AA ✓ Pass

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 7476D3 Background



This preview shows how black text looks on a background with the Hex color 7476D3.

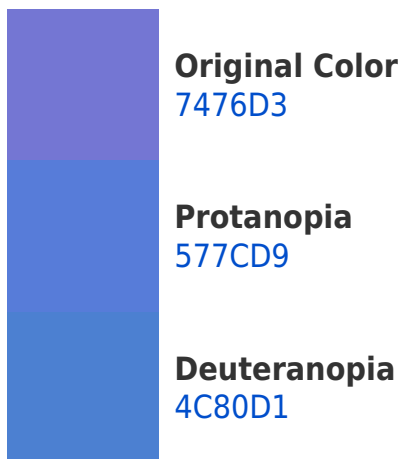


This preview shows how white text looks on a background with the Hex color 7476D3.

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](#).

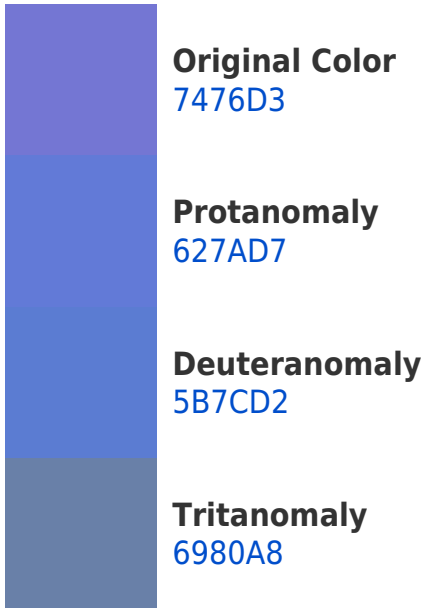
Dichromacy





Tritanopia
628590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7476D3 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 #7476D3 looks like.

```
.text, #text, p{  
    color:#7476D3  
}
```

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 #7476D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7476D3
}
```

Border

The CSS property to change the border of an element to Hex 7476D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

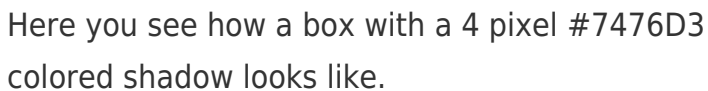
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7476D3 }
```

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

```
.border{ border-color:#7476D3 }
```

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



Here you see how a box with a 4 pixel #7476D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7476D3; -webkit-box-shadow:4px 4px  
4px 4px #7476D3; box-shadow:4px 4px 4px  
4px #7476D3 }
```

Background

The CSS property to change the background color of an element to Hex 7476D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7476D3 }
```

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

```
.background{ background-color:#7476D3 }
```

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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