

Converting Colors

Hex(7A65C6)

Have a look what the booklet for
Hex(7A65C6) contains.

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Color

Hex(7A65C6)

Conversions

Conversions Part 1

Format	Color
Hex	7A65C6
RGB	122, 101, 198
RGB Percent	48%, 40%, 78%
CMY	0.5216, 0.6039, 0.2235
CMYK	0.38, 0.49, 0.00, 0.22
HSL	253°, 46%, 59%
HSV	253°, 49%, 78%
XYZ	22.8728, 17.5222, 55.6027
YIQ	118.3370, -18.6210, 34.6190

Conversions

Conversions Part 2

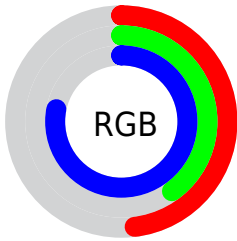
Format	Color
R_{YB}	122, 101, 198
Decimal	8021446
CIE _{Lab}	48.91, 31.21, -47.94
CIE _{LCh}	49, 57.209, 303.064
Yxy	17.5222, 0.2383, 0.1825
Android (android.graphics.Color)	4286211526 (0xFF7A65C6)
YUV	118.3370, 39.2739, 3.2125
Hunter-Lab	41.8595, 24.2815, -49.4543

Details

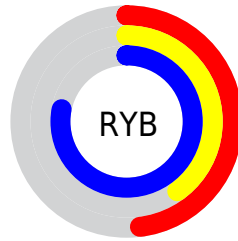
The Hex color **7A65C6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B1C665**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B298FF**, and **43368F** is the 20% darker color. If you saturate the color by 10%, you get **6A51C6**, and if you desaturate by 10%, it is **8A79C6**.

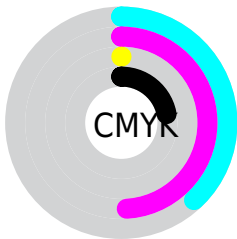
Distribution



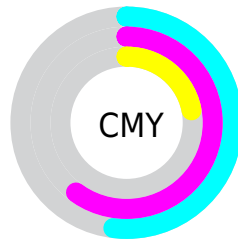
- Red (48%)
- Green (40%)
- Blue (78%)



- Red (48%)
- Yellow (40%)
- Blue (78%)



- Cyan (38%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



- Cyan (52%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A65C6 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 7A65C6 by changing the saturation by 10% instead.

■ 7A65C6

■ 7A65C6

FFFFFF

■ 5F4DAA

■ B298FF

■ 43368F

■ CEB3FF

■ 272075

■ EBCFFF

■ 000B5C

■ FFE8FF

■ 000044

■ 00032D

■ 000117

■ 000000

■ 7A65C6

■ 7A65C6

6A51C6

8A79C6

5B3DC6

998DC6

4B2AC6

A9A0C6

3C16C6

B8B4C6

2C02C6

C8C8C6

2B00C6

D7DCC6

E7F0C6

F6FFC6

FFFFC6

Harmonies

Analogous

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



0078D5



7A65C6



B24EA1

Triad

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



7A65C6



AD6118



008A78

Complementary

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



7A65C6



B1C665

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.



008746



7A65C6



877400

Square

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



7A65C6



C64C42



558017



008AA8

Rectangle

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



7A65C6



C54482



558017



008A67

Sweetspot

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



7A65C6



E1D9FF



65B3C6



6E6980



000000



808080

Same Dimension

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



7A65C6



8969FF



A965C6



5C5A63



2300A3



080024

Inverse Universe

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



C665B1



FF69DE



82C665



635A61



A30080



24001C

Previews

White Background



This preview shows how the Hex color 7A65C6 looks on a white background.

Color Contrast Check

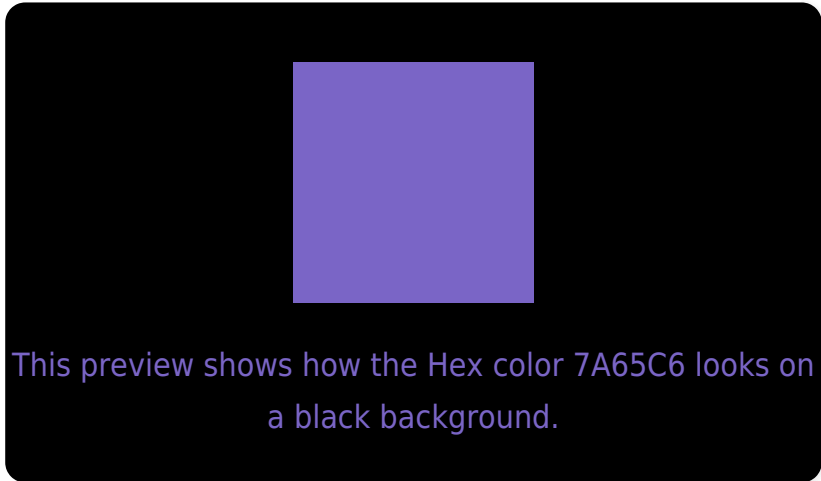
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 7A65C6 Background



This preview shows how black text looks on a background with the Hex color 7A65C6.

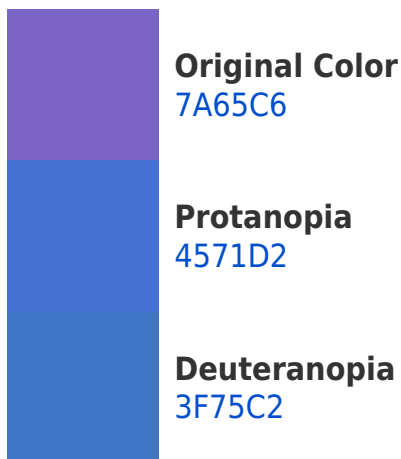


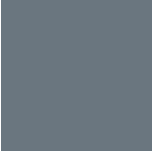
This preview shows how white text looks on a background with the Hex color 7A65C6.

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](#).

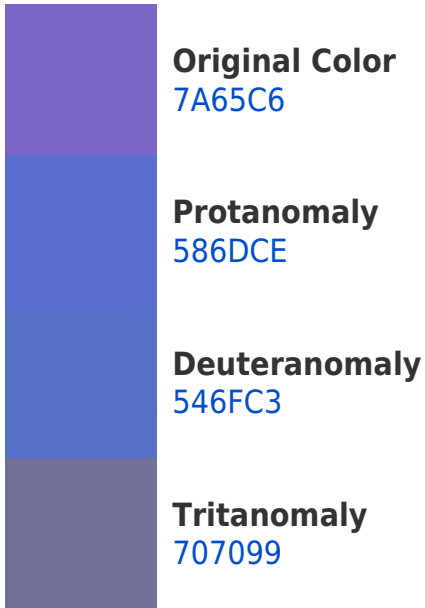
Dichromacy





Tritanopia
6A767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A65C6 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 #7A65C6 looks like.

```
.text, #text, p{  
    color:#7A65C6  
}
```

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 #7A65C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A65C6  
}
```

Border

The CSS property to change the border of an element to Hex 7A65C6 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  
#7A65C6 }
```

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

```
.border{ border-color:#7A65C6 }
```

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

Here you see how a box with a 4 pixel #7A65C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A65C6; -webkit-box-shadow:4px 4px  
4px 4px #7A65C6; box-shadow:4px 4px 4px  
4px #7A65C6 }
```

Background

The CSS property to change the background color of an element to Hex 7A65C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A65C6 }
```

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

```
.background{ background-color:#7A65C6 }
```

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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