

# Converting Colors

Hex(7C65D6)

Have a look what the booklet for  
Hex(7C65D6) contains.

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# Color

**Hex(7C65D6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 7C65D6                      |
| RGB           | 124, 101, 214               |
| RGB Percent   | 49%, 40%, 84%               |
| CMY           | 0.5137, 0.6039, 0.1608      |
| CMYK          | 0.42, 0.53, 0.00, 0.16      |
| HSL           | 252°, 58%, 62%              |
| HSV           | 252°, 53%, 84%              |
| XYZ           | 25.1035, 18.4475, 65.8560   |
| YIQ           | 120.7590, -22.5650, 40.0190 |

# Conversions

## Conversions Part 2

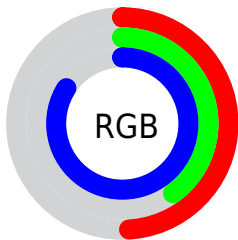
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 124, 101, 214                 |
| Decimal                             | 8152534                       |
| CIELab                              | 50.03, 36.17, -55.29          |
| CIELCh                              | 50, 66.066, 303.194           |
| Yxy                                 | 18.4475, 0.2295,<br>0.1686    |
| Android<br>(android.graphics.Color) | 4286342614<br>(0xFF7C65D6)    |
| YUV                                 | 120.7590, 45.9678,<br>2.8424  |
| Hunter-Lab                          | 42.9505, 29.1651,<br>-60.8438 |

# Details

The Hex color **7C65D6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BFD665**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B598FF**, and **43359E** is the 20% darker color. If you saturate the color by 10%, you get **6B50D6**, and if you desaturate by 10%, it is **8D7AD6**.

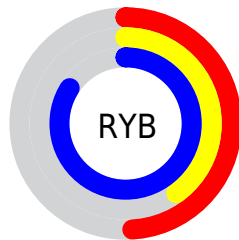
# Distribution



Red (49%)

Green (40%)

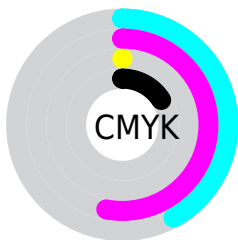
Blue (84%)



Red (49%)

Yellow (40%)

Blue (84%)

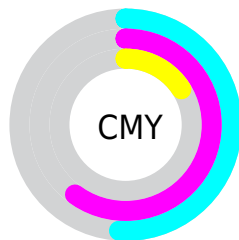


Cyan (42%)

Magenta (53%)

Yellow (0%)

Black (16%)



Cyan (51%)

Magenta (60%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C65D6 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 7C65D6 by changing the saturation by 10% instead.



 7C65D6

 7C65D6

FFFFFF

 604DBA

 B598FF

 43359E

 D2B3FF

 231F84


 EFCFFF

 00096A

 FFECFF

 000051

 000539

 000222

 000009

 000000

 7C65D6

 7C65D6

 6B50D6

 8D7AD6

 5A3AD6

 9E90D6

 4925D6

 AFA5D6

 380FD6

 C0BBD6

 2C00D6

 D1D0D6

 E2E5D6

 F3FBD6

 FFFFD6

# Harmonies

## Analogous

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



007CE8



7C65D6



BE48AB

# Triad

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



7C65D6



B76000



00907C

# Complementary

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



7C65D6



BFD665

# 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.



008D41



7C65D6



8A7700

# Square

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



7C65D6



D3453D



508500



008FB3

# Rectangle

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



7C65D6



D33886



508500



008F68



# Sweetspot

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



7C65D6



DFD6FF



65BFD6



6C6780



000000



808080



# Same Dimension

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



7C65D6



7F5EFF



B465D6



63606B



2300AB



09002B



# Inverse Universe

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



D665BF



FF5EDE



87D665



6B6069



AB0088



2B0023



# Previews

## White Background



This preview shows how the Hex color 7C65D6 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

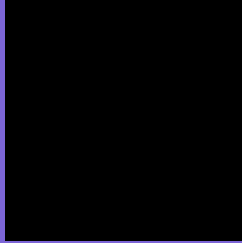
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C65D6 Background



This preview shows how black text looks on a background with the Hex color 7C65D6.

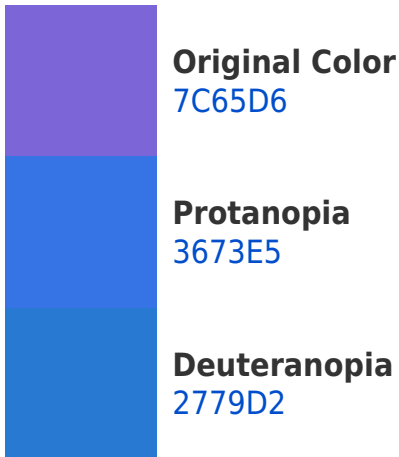


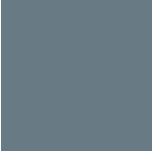
This preview shows how white text looks on a background with the Hex color 7C65D6.

# 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](#).

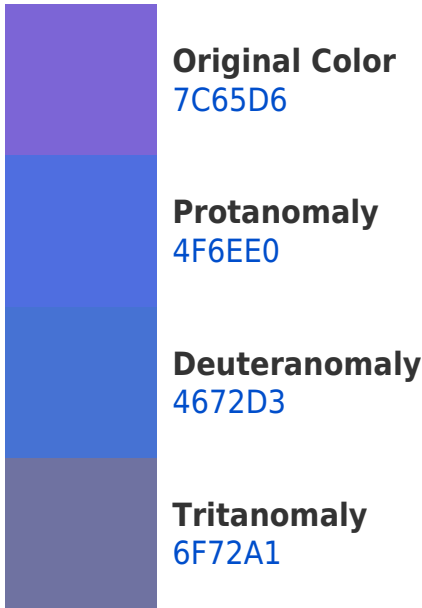
## Dichromacy



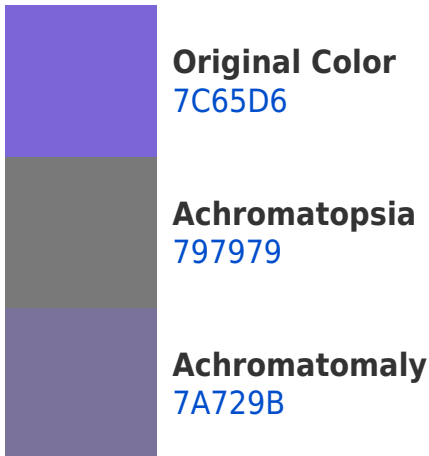


**Tritanopia**  
687A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C65D6 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 #7C65D6 looks like.

```
.text, #text, p{  
    color:#7C65D6  
}
```

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 #7C65D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C65D6
}
```

## Border

The CSS property to change the border of an element to Hex 7C65D6 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
#7C65D6 }
```

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

```
.border{ border-color:#7C65D6 }
```

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

Here you see how a box with a 4 pixel #7C65D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C65D6; -webkit-box-shadow:4px 4px  
4px 4px #7C65D6; box-shadow:4px 4px 4px  
4px #7C65D6 }
```

# Background

The CSS property to change the background color of an element to Hex 7C65D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C65D6 }
```

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

```
.background{ background-color:#7C65D6 }
```

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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