

Converting Colors

Hex(7678D1)

Have a look what the booklet for
Hex(7678D1) contains.

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Color

Hex(7678D1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7678D1 |
| RGB | 118, 120, 209 |
| RGB Percent | 46%, 47%, 82% |
| CMY | 0.5373, 0.5294, 0.1804 |
| CMYK | 0.44, 0.43, 0.00, 0.18 |
| HSL | 239°, 50%, 64% |
| HSV | 239°, 44%, 82% |
| XYZ | 25.6963, 21.8879, 63.1921 |
| YIQ | 129.5480, -29.7610, 27.2550 |

Conversions

Conversions Part 2

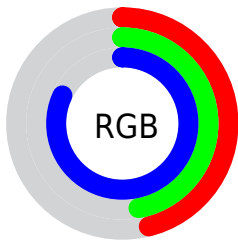
| Format | Color |
|-------------------------------------|-------------------------------------------------|
| RYB | 118, 120, 209 |
| Decimal | 7764177 |
| CIELab | 53.91, 21.98, -46.30 |
| CIELCh | 54, 51.248, 295.396 |
| Yxy | 21.8879, 0.2320, 0.1976 |
| Android (android.graphics.Color) | 4285954257 (0xFF7678D1) |
| YUV | 129.5480, 39.1698, -10.1276 |
| Hunter-Lab | 46.7846, 16.1678, -47.3340 |

Details

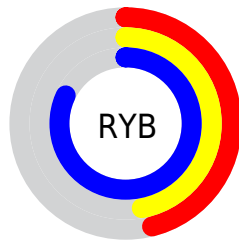
The Hex color **7678D1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D1CF76**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AEACFF**, and **3E489A** is the 20% darker color. If you saturate the color by 10%, you get **6164D1**, and if you desaturate by 10%, it is **8B8CD1**.

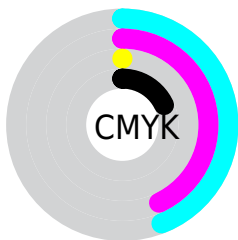
Distribution



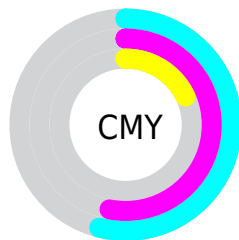
- Red (46%)
- Green (47%)
- Blue (82%)



- Red (46%)
- Yellow (47%)
- Blue (82%)



- Cyan (44%)
- Magenta (43%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7678D1 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 7678D1 by changing the saturation by 10% instead.

7678D1

7678D1

FFFFFF

5A5FB5

AEACFF

3E489A

CBC7FF

1F3180

E8E4FF

001D66

00064D

000536

000220

000003

000000

■ 7678D1

■ 7678D1

■ 6164D1

■ 8B8CD1

■ 4C4FD1

■ A0A1D1

■ 373BD1

■ B5B5D1

■ 2226D1

■ CACAD1

■ 0E12D1

■ DFDED1

■ 0005D1

■ F3F3D1

■ FFFFD1

Harmonies

Analogous

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



0088D9



7678D1



B065B4

Triad

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



7678D1



BF6B38



009678

Complementary

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



7678D1



D1CF76

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.



39924C



7678D1



9E7C22

Square

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



7678D1



D05C5E



738A2A



0096A5

Rectangle

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



7678D1



C65B98



738A2A



009569

Sweetspot

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



7678D1



DEDEFF



76D1CE



6B6C80



000000



808080

Same Dimension

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



7678D1



7A7DFF



A076D1



5E5E69



0004A8



000129

Inverse Universe

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



D17678



FF7A7D



A7D176



695E5E



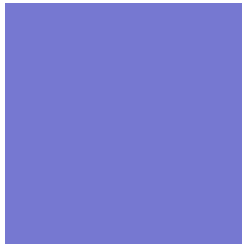
A80004



290001

Previews

White Background



This preview shows how the Hex color 7678D1 looks on a white background.

Color Contrast Check

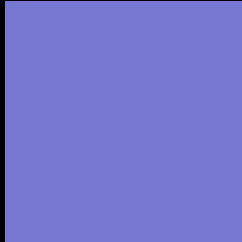
Large Text (above 18pt) WCAG AA ✓ Pass

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 7678D1 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 7678D1 Background



This preview shows how black text looks on a background with the Hex color 7678D1.

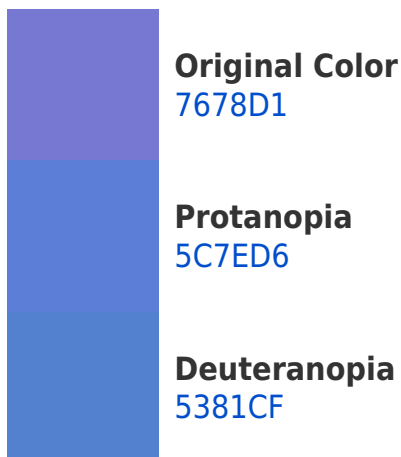


This preview shows how white text looks on a background with the Hex color 7678D1.

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](#).

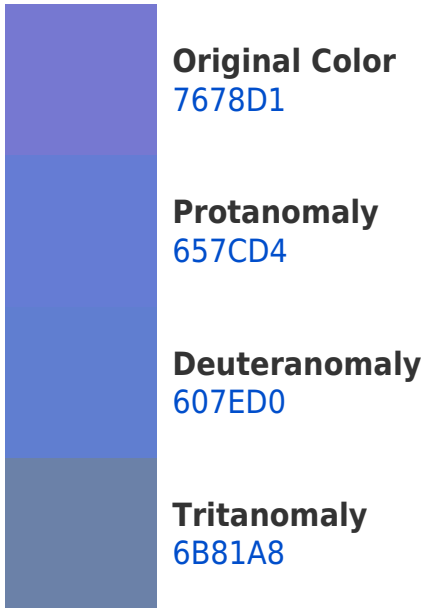
Dichromacy



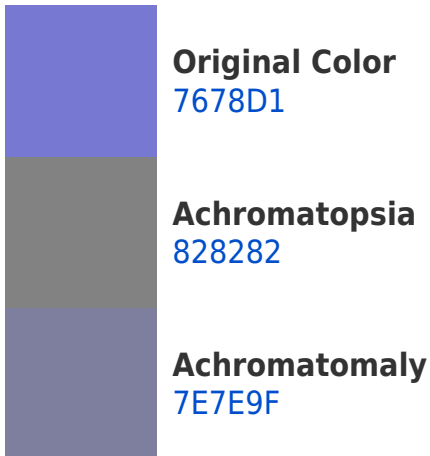


Tritanopia
658691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7678D1 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 #7678D1 looks like.

```
.text, #text, p{  
    color:#7678D1  
}
```

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 #7678D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7678D1
}
```

Border

The CSS property to change the border of an element to Hex 7678D1 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
#7678D1 }
```

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

```
.border{ border-color:#7678D1 }
```

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

Here you see how a box with a 4 pixel #7678D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7678D1; -webkit-box-shadow:4px 4px  
4px 4px #7678D1; box-shadow:4px 4px 4px  
4px #7678D1 }
```

Background

The CSS property to change the background color of an element to Hex 7678D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7678D1 }
```

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

```
.background{ background-color:#7678D1 }
```

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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