

Converting Colors

Hex(7578D0)

Have a look what the booklet for
Hex(7578D0) contains.

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Color

Hex(7578D0)

Conversions

Conversions Part 1

Format	Color
Hex	7578D0
RGB	117, 120, 208
RGB Percent	46%, 47%, 82%
CMY	0.5412, 0.5294, 0.1843
CMYK	0.44, 0.42, 0.00, 0.18
HSL	238°, 49%, 64%
HSV	238°, 44%, 82%
XYZ	25.4378, 21.7689, 62.5356
YIQ	129.1350, -30.0360, 26.7320

Conversions

Conversions Part 2

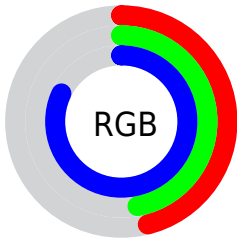
Format	Color
R _Y B	117, 120, 208
Decimal	7698640
CIE Lab	53.78, 21.44, -45.93
CIE LCh	54, 50.691, 295.019
Yxy	21.7689, 0.2318, 0.1984
Android (android.graphics.Color)	4285888720 (0xFF7578D0)
YUV	129.1350, 38.8804, -10.6424
Hunter-Lab	46.6572, 15.6692, -46.8076

Details

The Hex color **7578D0** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D0CD75**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ADACFF**, and **3D4899** is the 20% darker color. If you saturate the color by 10%, you get **6064D0**, and if you desaturate by 10%, it is **8A8CD0**.

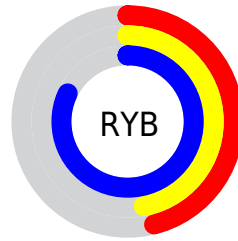
Distribution



Red (46%)

Green (47%)

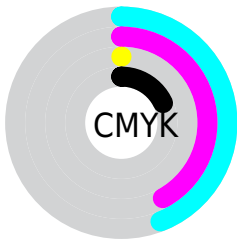
Blue (82%)



Red (46%)

Yellow (47%)

Blue (82%)

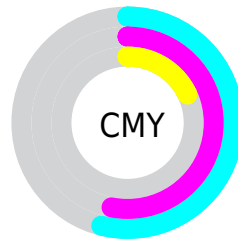


Cyan (44%)

Magenta (42%)

Yellow (0%)

Black (18%)



Cyan (54%)

Magenta (53%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7578D0 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 7578D0 by changing the saturation by 10% instead.

■ 7578D0

■ 7578D0

FFFFFF

■ 595FB4

■ ADACFF

■ 3D4899

■ C9C7FF

■ 1E317F

■ E7E3FF

■ 001D65

■ 00064D

■ 000535

■ 00021F

■ 000002

■ 000000

■ 7578D0

■ 7578D0

■ 6064D0

■ 8A8CD0

■ 4B50D0

■ 9FA0D0

■ 373CD0

■ B3B4D0

■ 2228D0

■ C8C8D0

■ 0D13D0

■ DDDDD0

■ 0007D0

■ F2F1D0

■ FFFFD0

Harmonies

Analogous

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



0088D8



7578D0



AF66B3

Triad

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



7578D0



BE6B39



009578

Complementary

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



7578D0



D0CD75

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.



3B914C



7578D0



9E7C23

Square

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



7578D0



CF5C5E



74892B



0095A4

Rectangle

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



7578D0



C55C98



74892B



009468

Sweetspot

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



7578D0



DEDEFF



75D0CD



6B6C80



000000



808080

Same Dimension

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



7578D0



787CFF



9F75D0



5E5E69



0006A8



000129

Inverse Universe

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



D07578



FF787C



A6D075



695E5E



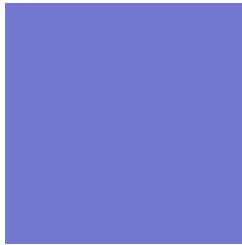
A80006



290001

Previews

White Background



This preview shows how the Hex color 7578D0 looks on a white background.

Color Contrast Check

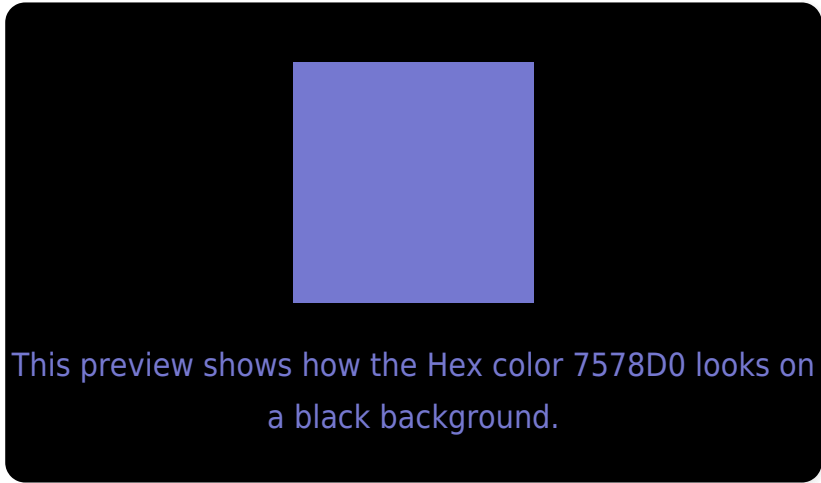
Large Text (above 18pt) WCAG AA ✓ Pass

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

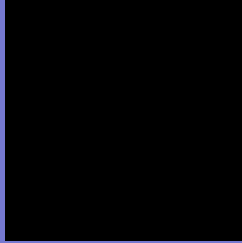
Any Text WCAG AA ✓ Pass

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 7578D0 Background



This preview shows how black text looks on a background with the Hex color 7578D0.




This preview shows how white text looks on a background with the Hex color 7578D0.

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](#).

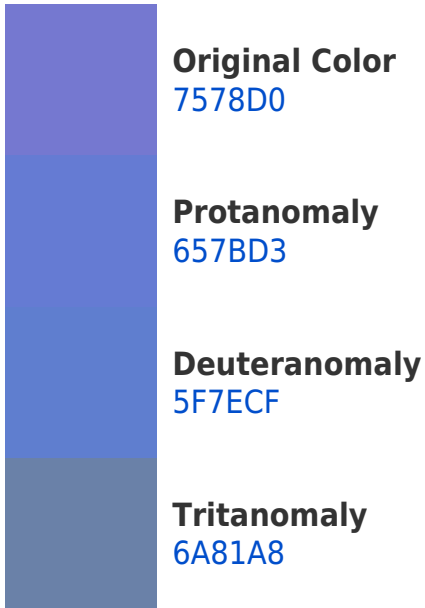
Dichromacy





Tritanopia
648691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7578D0 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 #7578D0 looks like.

```
.text, #text, p{  
    color:#7578D0  
}
```

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 #7578D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7578D0
}
```

Border

The CSS property to change the border of an element to Hex 7578D0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

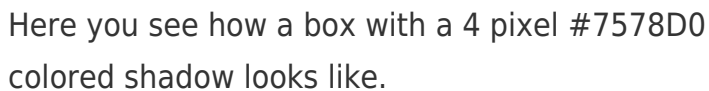
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7578D0 }
```

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

```
.border{ border-color:#7578D0 }
```

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



Here you see how a box with a 4 pixel #7578D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7578D0; -webkit-box-shadow:4px 4px  
4px 4px #7578D0; box-shadow:4px 4px 4px  
4px #7578D0 }
```

Background

The CSS property to change the background color of an element to Hex 7578D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7578D0 }
```

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

```
.background{ background-color:#7578D0 }
```

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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