

Converting Colors

Hex(7578BF)

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

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Color

Hex(7578BF)

Conversions

Conversions Part 1

Format	Color
Hex	7578BF
RGB	117, 120, 191
RGB Percent	46%, 47%, 75%
CMY	0.5412, 0.5294, 0.2510
CMYK	0.39, 0.37, 0.00, 0.25
HSL	238°, 37%, 60%
HSV	238°, 39%, 75%
XYZ	23.4566, 20.9764, 52.1028
YIQ	127.1970, -24.5790, 21.4450

Conversions

Conversions Part 2

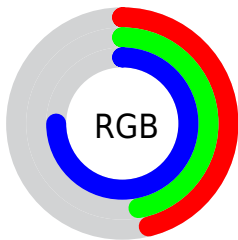
Format	Color
R_{YB}	117, 120, 191
Decimal	7698623
CIE _{Lab}	52.92, 16.54, -37.60
CIE _{LCh}	53, 41.077, 293.746
Yxy	20.9764, 0.2430, 0.2173
Android (android.graphics.Color)	4285888703 (0xFF7578BF)
YUV	127.1970, 31.4549, -8.9428
Hunter-Lab	45.8000, 11.2690, -35.3891

Details

The Hex color **7578BF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BFBC75**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ACACF8**, and **404889** is the 20% darker color. If you saturate the color by 10%, you get **6266BF**, and if you desaturate by 10%, it is **888ABF**.

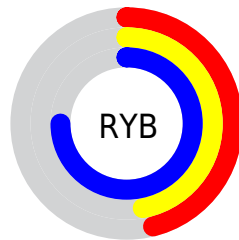
Distribution



Red (46%)

Green (47%)

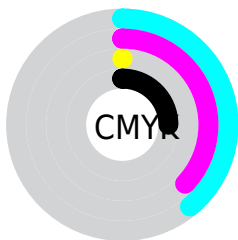
Blue (75%)



Red (46%)

Yellow (47%)

Blue (75%)

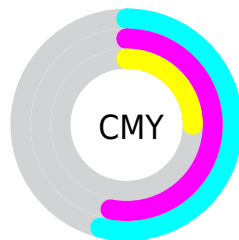


Cyan (39%)

Magenta (37%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

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

■ 7578BF

■ 7578BF

FFFFFF

■ 5A5FA4

■ ACACF8

■ 404889

■ C8C7FF

■ 25316F

■ E4E3FF

■ 001D57

■ 00043F

■ 000328

■ 000112

■ 000000

■ 7578BF

■ 7578BF

■ 6266BF

■ 888ABF

■ 4F53BF

■ 9B9DBF

■ 3C41BF

■ AEAFBF

■ 292FBF

■ C1C1BF

■ 161CBF

■ D4D4BF

■ 020ABF

■ E8E6BF

■ 0008BF

■ FBF8BF

■ FFFBF

Harmonies

Analogous

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



2584C4



7578BF



A36AA9

Triad

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



7578BF



B36D46



009075

Complementary

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



7578BF



BFBC75

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.



4D8C53



7578BF



9A7A36

Square

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



7578BF



C06264



77853B



00909A

Rectangle

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



7578BF



B66393



77853B



218F69

Sweetspot

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



7578BF



DADBF7



75BFBB



6B6C7D



FCFCFC



7D7D7D

Same Dimension

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



7578BF



868AF7



9675BF



55555E



00069E



00011F

Inverse Universe

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



BF7578



F7868A



9EBF75



5E5555



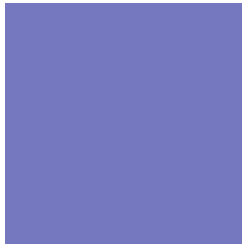
9E0006



1F0001

Previews

White Background



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

Color Contrast Check

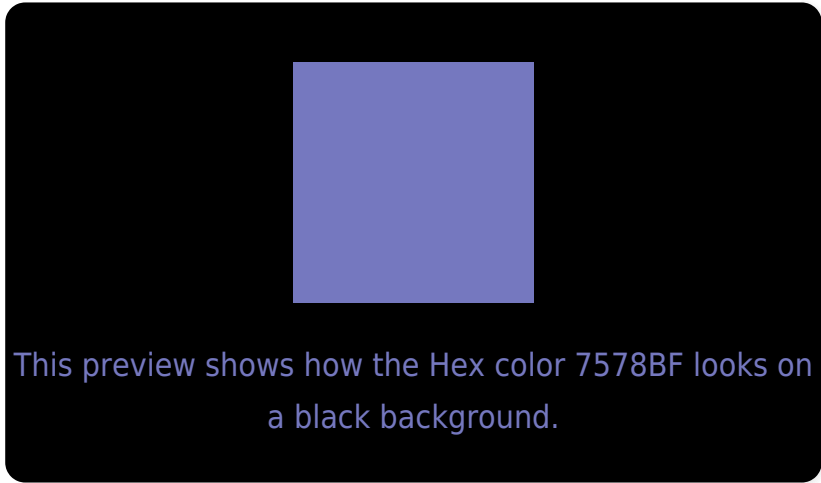
Large Text (above 18pt) WCAG AA ✓ Pass

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

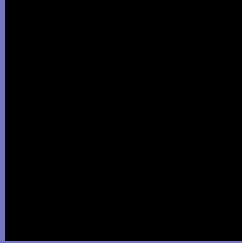
Any Text WCAG AA ✓ Pass

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 7578BF Background



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




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

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](#).

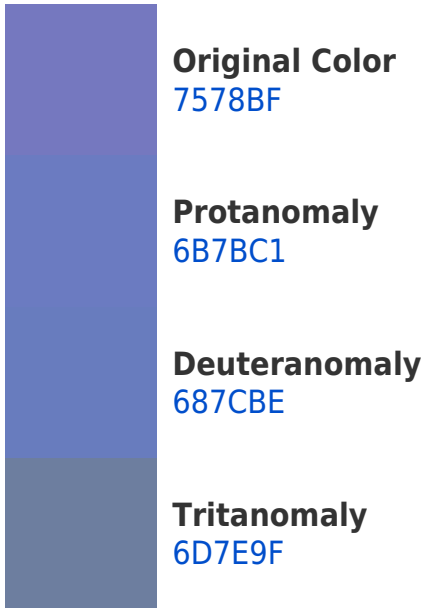
Dichromacy



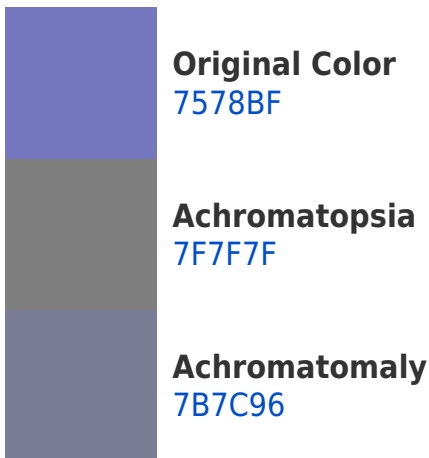


Tritanopia
69828D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7578BF colored shadow looks like.

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

Border

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

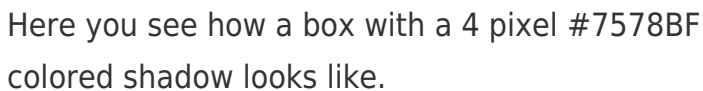
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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