

Converting Colors

Hex(7580AC)

Have a look what the booklet for
Hex(7580AC) contains.

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Color

Hex(7580AC)

Conversions

Conversions Part 1

Format	Color
Hex	7580AC
RGB	117, 128, 172
RGB Percent	46%, 50%, 67%
CMY	0.5412, 0.4980, 0.3255
CMYK	0.32, 0.26, 0.00, 0.33
HSL	228°, 25%, 57%
HSV	228°, 32%, 67%
XYZ	22.5017, 22.1988, 42.1286
YIQ	129.7270, -20.6800, 11.3520

Conversions

Conversions Part 2

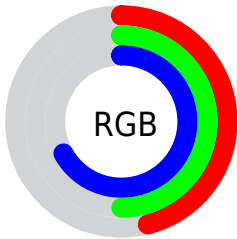
Format	Color
R_{YB}	117, 126, 172
Decimal	7700652
CIE _{Lab}	54.24, 6.56, -24.64
CIE _{LCh}	54, 25.497, 284.918
Yxy	22.1988, 0.2591, 0.2557
Android (android.graphics.Color)	4285890732 (0xFF7580AC)
YUV	129.7270, 20.8406, -11.1616
Hunter-Lab	47.1156, 2.7965, -20.0334

Details

The Hex color **7580AC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ACA175**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AAB5E4**, and **434F78** is the 20% darker color. If you saturate the color by 10%, you get **6472AC**, and if you desaturate by 10%, it is **868EAC**.

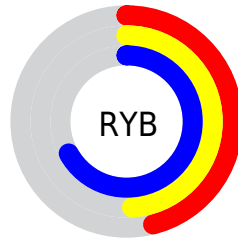
Distribution



Red (46%)

Green (50%)

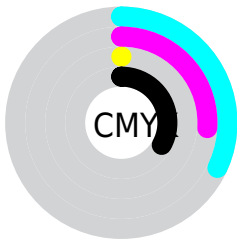
Blue (67%)



Red (46%)

Yellow (49%)

Blue (67%)

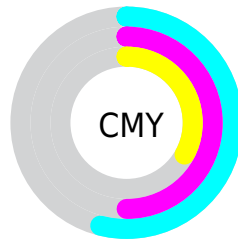


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7580AC 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 7580AC by changing the saturation by 10% instead.

■ 7580AC

■ 7580AC

FFFFFF

■ 5B6791

■ AAB5E4

■ 434F78

■ C6D0FF

■ 2A385F

■ E2ECFF

■ 102347

■ 000D30

■ 00011B

■ 000000

■ 7580AC

■ 7580AC

■ 6472AC

■ 868EAC

■ 5364AC

■ 979CAC

■ 4157AC

■ A9A9AC

■ 3049AC

■ BAB7AC

■ 1F3BAC

■ CBC5AC

■ 0E2DAC

■ DCD3AC

■ 0022AC

■ EDE0AC

■ FFEEAC

■ FFFCAC

Harmonies

Analogous

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



5487AC



7580AC



9278A1

Triad

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



7580AC



A97564



538D76

Complementary

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



7580AC



ACA175

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.



6D8A62



7580AC



9B7C58

Square

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



7580AC



AE7177



868457



3E8E8C

Rectangle

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



7580AC



A17495



868457



5C8C6E

Sweetspot

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



7580AC



CACEE0



75ACA1



636570



F0F0F0



707070

Same Dimension

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



7580AC



8B9CE0



8675AC



4E5057



001E96



000517

Inverse Universe

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



AC7580



E08B9C



9CAC75



574E50



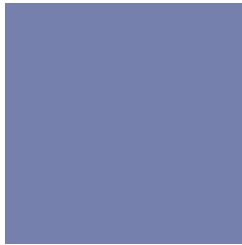
96001E



170005

Previews

White Background



This preview shows how the Hex color 7580AC looks on a white background.

Color Contrast Check

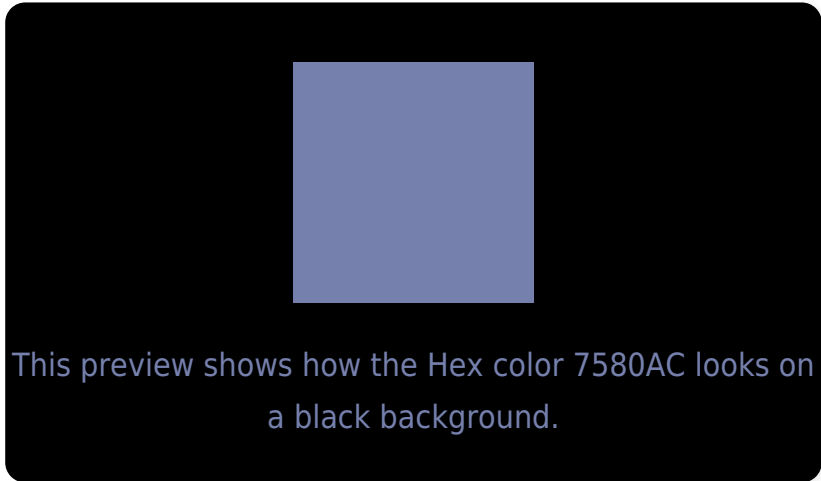
Large Text (above 18pt) WCAG AA ✓ Pass

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

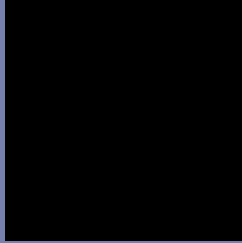
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

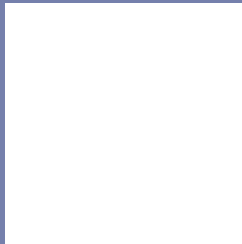
Any Text WCAG AAA × Fail

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

Hex 7580AC Background



This preview shows how black text looks on a background with the Hex color 7580AC.



This preview shows how white text looks on a background with the Hex color 7580AC.

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



Original Color
7580AC

Protanopia
7580AC

Deuteranopia
7780AC



Tritanopia
6F8590

Trichromacy



Original Color
7580AC

Protanomaly
7580AC

Deuteranomaly
7680AC

Tritanomaly
71839A

Monochromacy



Original Color
7580AC

Achromatopsia
828282

Achromatomaly
7D8191

CSS Examples

Text

The CSS property to change the color of the text to Hex 7580AC 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 #7580AC looks like.

```
.text, #text, p{  
    color:#7580AC  
}
```

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 #7580AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7580AC
}
```

Border

The CSS property to change the border of an element to Hex 7580AC 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
#7580AC }
```

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

```
.border{ border-color:#7580AC }
```

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

Here you see how a box with a 4 pixel #7580AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7580AC; -webkit-box-shadow:4px 4px  
4px 4px #7580AC; box-shadow:4px 4px 4px  
4px #7580AC }
```

Background

The CSS property to change the background color of an element to Hex 7580AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7580AC }
```

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

```
.background{ background-color:#7580AC }
```

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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