

Converting Colors

Hex(7880A5)

Have a look what the booklet for
Hex(7880A5) contains.

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Color

Hex(7880A5)

Conversions

Conversions Part 1

Format	Color
Hex	7880A5
RGB	120, 128, 165
RGB Percent	47%, 50%, 65%
CMY	0.5294, 0.4980, 0.3529
CMYK	0.27, 0.22, 0.00, 0.35
HSL	229°, 20%, 56%
HSV	229°, 27%, 65%
XYZ	22.2564, 22.1480, 38.6993
YIQ	129.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

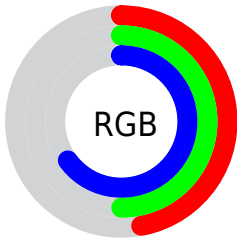
Format	Color
R_{YB}	120, 127, 165
Decimal	7897253
CIE _{Lab}	54.18, 5.67, -20.66
CIE _{LCh}	54, 21.427, 285.337
Yxy	22.1480, 0.2678, 0.2665
Android (android.graphics.Color)	4286087333 (0xFF7880A5)
YUV	129.8260, 17.3408, -8.6174
Hunter-Lab	47.0617, 2.0583, -15.8115

Details

The Hex color **7880A5** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A59D78**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ADB5DC**, and **464F71** is the 20% darker color. If you saturate the color by 10%, you get **6772A5**, and if you desaturate by 10%, it is **898EA5**.

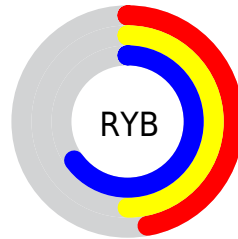
Distribution



Red (47%)

Green (50%)

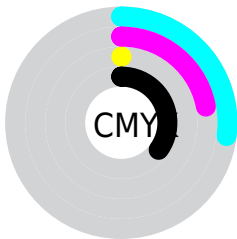
Blue (65%)



Red (47%)

Yellow (50%)

Blue (65%)

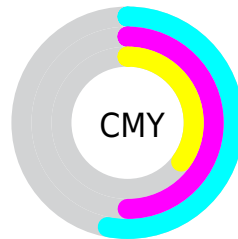


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (50%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7880A5 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 7880A5 by changing the saturation by 10% instead.

■ 7880A5

■ 7880A5

FFFFFF

■ 5F678B

■ ADB5DC

■ 464F71

■ C9D0F9

■ 2E3858

■ E5ECFF

■ 172341

■ 000D2B

■ 000116

■ 000000

■ 7880A5

■ 7880A5

■ 6772A5

■ 898EA5

■ 5765A5

■ 999BA5

■ 4657A5

■ AAA9A5

■ 364AA5

■ BAB6A5

■ 253CA5

■ CBC4A5

■ 152FA5

■ DBD1A5

■ 0421A5

■ EBDF A5

■ 001DA5

■ FCEDA5

■ FFFAA5

Harmonies

Analogous

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



5E86A5



7880A5



907A9C

Triad

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



7880A5



A37868



5C8B78

Complementary

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



7880A5



A59D78

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.



708867



7880A5



977D5E

Square

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



7880A5



A77479



85835E



4D8C8B

Rectangle

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



7880A5



9C7691



85835E



628B72

Sweetspot

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



7880A5



C5C8D6



78A59D



60626B



EBEBEB



6B6B6B

Same Dimension

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



7880A5



909CD6



8678A5



494B52



001A91



000312

Inverse Universe

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



A57880



D6909C



97A578



52494B



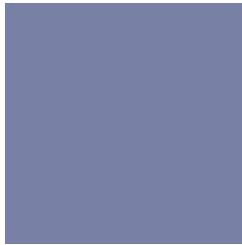
91001A



120003

Previews

White Background



This preview shows how the Hex color 7880A5 looks on a white background.

Color Contrast Check

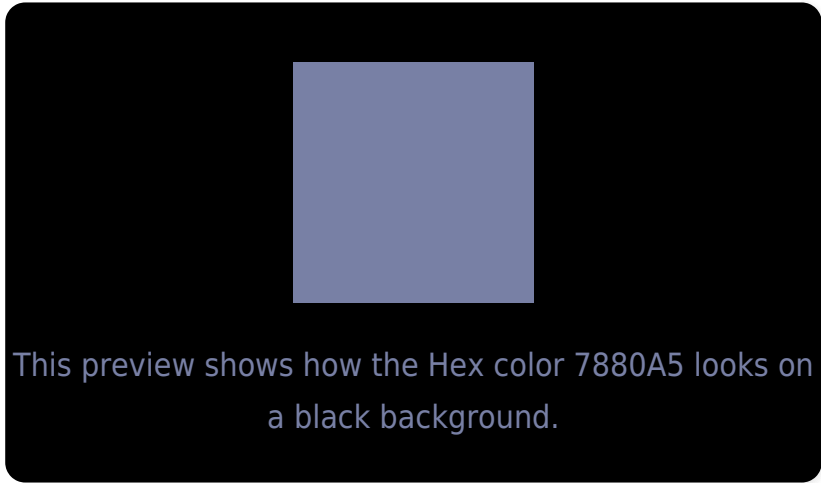
Large Text (above 18pt) WCAG AA ✓ Pass

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

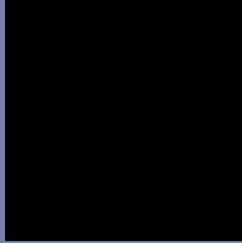
Any Text WCAG AA ✓ Pass

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 7880A5 Background



This preview shows how black text looks on a background with the Hex color 7880A5.



This preview shows how white text looks on a background with the Hex color 7880A5.

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

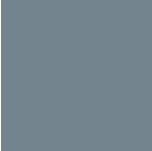
7880A5

Protanopia

7880A5

Deuteranopia

7B7FA5



Tritanopia
73848F

Trichromacy



Original Color
7880A5

Protanomaly
7880A5

Deuteranomaly
7A7FA5

Tritanomaly
758397

Monochromacy



Original Color
7880A5

Achromatopsia
828282

Achromatomaly
7E818F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7880A5 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 #7880A5 looks like.

```
.text, #text, p{  
    color:#7880A5  
}
```

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 #7880A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7880A5
}
```

Border

The CSS property to change the border of an element to Hex 7880A5 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
#7880A5 }
```

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

```
.border{ border-color:#7880A5 }
```

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

Here you see how a box with a 4 pixel #7880A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7880A5; -webkit-box-shadow:4px 4px  
4px 4px #7880A5; box-shadow:4px 4px 4px  
4px #7880A5 }
```

Background

The CSS property to change the background color of an element to Hex 7880A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7880A5 }
```

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

```
.background{ background-color:#7880A5 }
```

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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