

Converting Colors

Hex(7977A4)

Have a look what the booklet for
Hex(7977A4) contains.

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Color

Hex(7977A4)

Conversions

Conversions Part 1

Format	Color
Hex	7977A4
RGB	121, 119, 164
RGB Percent	47%, 47%, 64%
CMY	0.5255, 0.5333, 0.3569
CMYK	0.26, 0.27, 0.00, 0.36
HSL	243°, 20%, 55%
HSV	243°, 27%, 64%
XYZ	21.1828, 19.9389, 37.8541
YIQ	124.7280, -13.2530, 14.4190

Conversions

Conversions Part 2

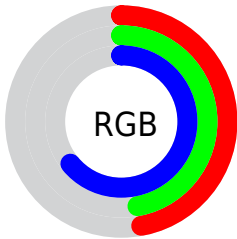
Format	Color
RYB	121, 119, 164
Decimal	7960484
CIELab	51.77, 11.04, -23.79
CIElCh	52, 26.227, 294.899
Yxy	19.9389, 0.2682, 0.2525
Android (android.graphics.Color)	4286150564 (0xFF7977A4)
YUV	124.7280, 19.3611, -3.2695
Hunter-Lab	44.6530, 6.5353, -19.0053

Details

The Hex color **7977A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A2A477**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AEABDB**, and **474770** is the 20% darker color. If you saturate the color by 10%, you get **6967A4**, and if you desaturate by 10%, it is **8987A4**.

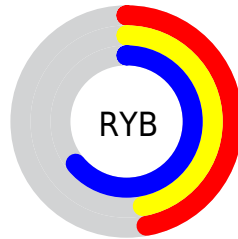
Distribution



Red (47%)

Green (47%)

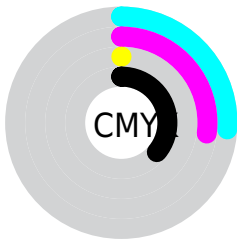
Blue (64%)



Red (47%)

Yellow (47%)

Blue (64%)

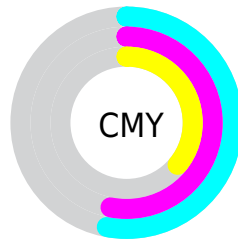


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7977A4 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 7977A4 by changing the saturation by 10% instead.

■ 7977A4

■ 7977A4

FFFFFF

■ 605E8A

■ AEABDB

■ 474770

■ CAC6F8

■ 2F3057

■ E6E2FF

■ 181C40

■ 03012A

■ 000114

■ 000000

■ 7977A4

■ 7977A4

■ 6967A4

■ 8987A4

5A56A4

9898A4

4A46A4

A8A8A4

3A35A4

B8B9A4

2B25A4

C7C9A4

1B15A4

D7D9A4

0B04A4

E7EAA4

0700A4

F6FAA4

FFFA4

Harmonies

Analogous

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



577FA8



7977A4



946F95

Triad

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



7977A4



9F7158



428777

Complementary

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



7977A4



A2A477

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.



5D8561



7977A4



8E794F

Square

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



7977A4



A86B6A



778052



2E878D

Rectangle

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



7977A4



A06C88



778052



4B876F

Sweetspot

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



7977A4



C6C5D6



77A3A4



61606B



EBEBEB



6B6B6B

Same Dimension

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



7977A4



9390D6



8F77A4



4A4952



060091



010012

Inverse Universe

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



A477A2



D690D3



8CA477



524951



91008B



120011

Previews

White Background



This preview shows how the Hex color 7977A4 looks on a white background.

Color Contrast Check

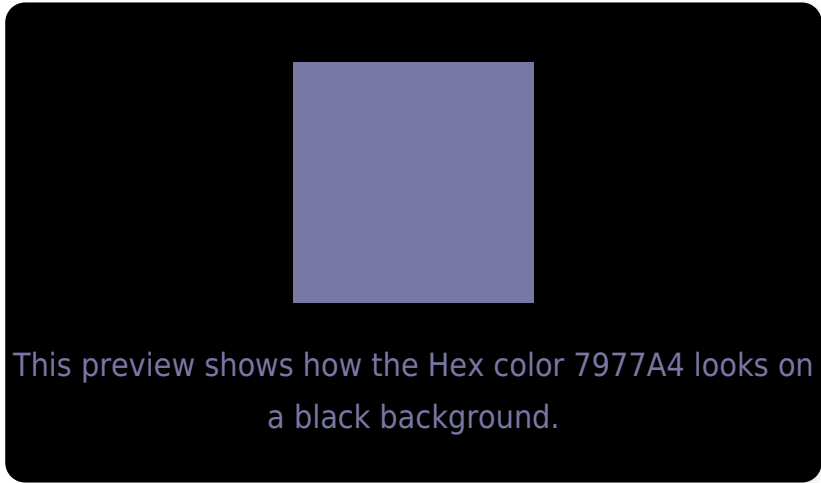
Large Text (above 18pt) WCAG AA ✓ Pass

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

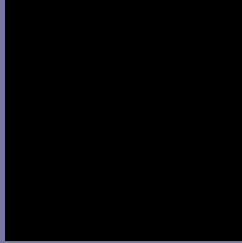
Any Text WCAG AA ✓ Pass

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 7977A4 Background



This preview shows how black text looks on a background with the Hex color 7977A4.



This preview shows how white text looks on a background with the Hex color 7977A4.

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](#).

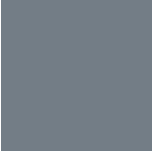
Dichromacy



Original Color
7977A4

Protanopia
6F7AA6

Deuteranopia
7179A3



Tritanopia
737D86

Trichromacy



Original Color
7977A4

Protanomaly
7379A5

Deuteranomaly
7478A3

Tritanomaly
757B91

Monochromacy



Original Color
7977A4

Achromatopsia
7D7D7D

Achromatomaly
7C7B8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7977A4 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 #7977A4 looks like.

```
.text, #text, p{  
    color:#7977A4  
}
```

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 #7977A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7977A4
}
```

Border

The CSS property to change the border of an element to Hex 7977A4 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
#7977A4 }
```

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

```
.border{ border-color:#7977A4 }
```

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

Here you see how a box with a 4 pixel #7977A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7977A4; -webkit-box-shadow:4px 4px  
4px 4px #7977A4; box-shadow:4px 4px 4px  
4px #7977A4 }
```

Background

The CSS property to change the background color of an element to Hex 7977A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7977A4 }
```

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

```
.background{ background-color:#7977A4 }
```

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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