

Converting Colors

Hex(7984AF)

Have a look what the booklet for
Hex(7984AF) contains.

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Color

Hex(7984AF)

Conversions

Conversions Part 1

Format	Color
Hex	7984AF
RGB	121, 132, 175
RGB Percent	47%, 52%, 69%
CMY	0.5255, 0.4824, 0.3137
CMYK	0.31, 0.25, 0.00, 0.31
HSL	228°, 25%, 58%
HSV	228°, 31%, 69%
XYZ	23.8743, 23.6626, 43.8665
YIQ	133.6130, -20.3590, 11.0410

Conversions

Conversions Part 2

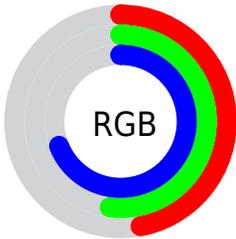
Format	Color
R_{YB}	121, 130, 175
Decimal	7963823
CIE _{Lab}	55.75, 6.22, -24.01
CIE _{LCh}	56, 24.801, 284.516
Yxy	23.6626, 0.2612, 0.2589
Android (android.graphics.Color)	4286153903 (0xFF7984AF)
YUV	133.6130, 20.4038, -11.0616
Hunter-Lab	48.6442, 2.4792, -19.4157

Details

The Hex color **7984AF** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AFA479**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AFB9E7**, and **46537A** is the 20% darker color. If you saturate the color by 10%, you get **6876AF**, and if you desaturate by 10%, it is **8B92AF**.

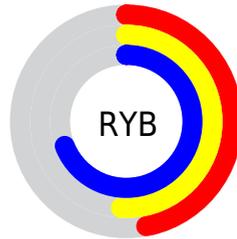
Distribution



Red (47%)

Green (52%)

Blue (69%)



Red (47%)

Yellow (51%)

Blue (69%)

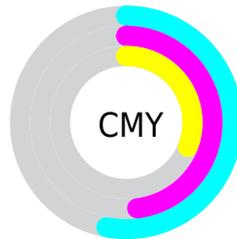


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7984AF 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 7984AF by changing the saturation by 10% instead.

■ 7984AF

■ 7984AF

FFFFFF

■ 5F6B94

■ AFB9E7

■ 46537A

■ CAD5FF

■ 2E3C61

■ E7F1FF

■ 152649

■ 001233

■ 00021D

■ 000000

■ 7984AF

■ 7984AF

■ 6876AF

■ 8B92AF

■ 5668AF

■ 9CA0AF

■ 445AAF

■ AEAEAF

■ 334CAF

■ BFBCAF

■ 213EAF

■ D0CAAF

■ 1030AF

■ E2D8AF

■ 0024AF

■ F4E6AF

■ FFF3AF

■ FFFFAF

Harmonies

Analogous

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



598BAF



7984AF



967CA4

Triad

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



7984AF



AD7A68



599179

Complementary

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



7984AF



AFA479

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.



728D66



7984AF



9F805C

Square

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



7984AF



B1767C



8A885C



459190

Rectangle

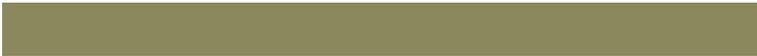
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7984AF



A47898



8A885C



619072

Sweetspot

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



7984AF



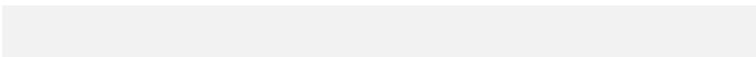
CFD3E3



79AFA3



666973



F2F2F2



737373

Same Dimension

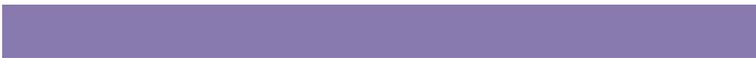
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7984AF



8FA0E3



8879AF



4E5057



001F96



000517

Inverse Universe

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



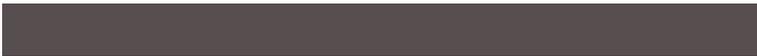
AF7984



E38FA0



A0AF79



574E50



96001F



170005

Previews

White Background



This preview shows how the Hex color 7984AF looks on a white background.

Color Contrast Check

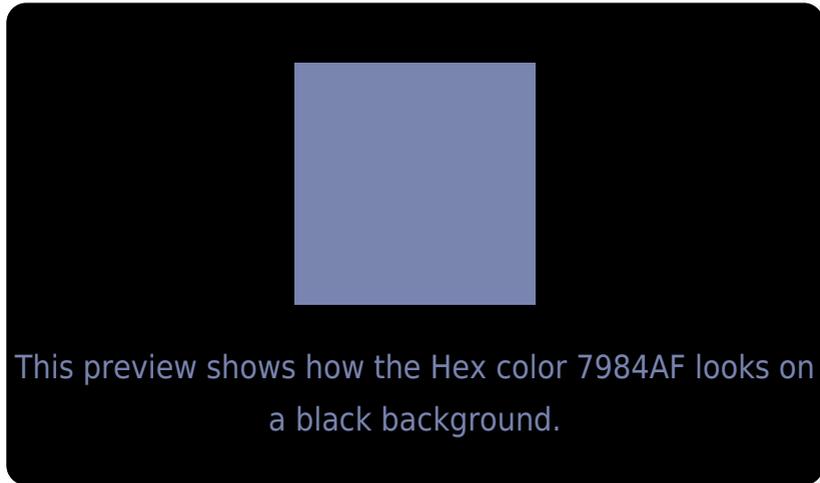
Large Text (above 18pt) WCAG AA ✓ Pass

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

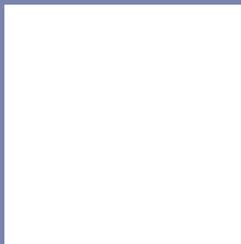
Any Text WCAG AAA × Fail

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

Hex 7984AF Background



This preview shows how black text looks on a background with the Hex color 7984AF.



This preview shows how white text looks on a background with the Hex color 7984AF.

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](#).

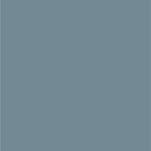
Dichromacy



Original Color
7984AF

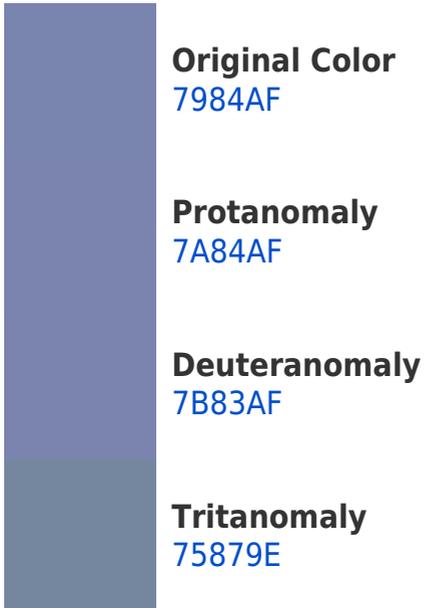
Protanopia
7A84AF

Deuteranopia
7C83AF

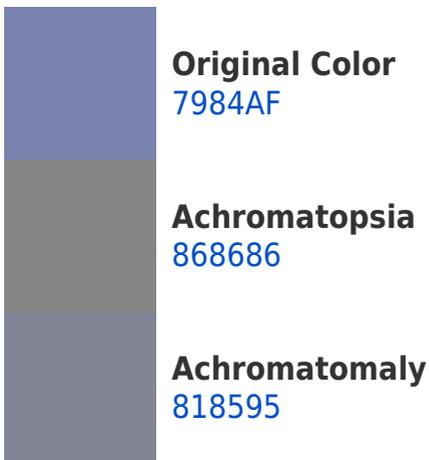


Tritanopia
738994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7984AF 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 #7984AF looks like.

```
.text, #text, p{  
    color:#7984AF  
}
```

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 #7984AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7984AF
}
```

Border

The CSS property to change the border of an element to Hex 7984AF 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
#7984AF }
```

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

```
.border{ border-color:#7984AF }
```

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

Here you see how a box with a 4 pixel #7984AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7984AF; -webkit-box-shadow:4px 4px  
4px 4px #7984AF; box-shadow:4px 4px 4px  
4px #7984AF }
```

Background

The CSS property to change the background color of an element to Hex 7984AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7984AF }
```

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

```
.background{ background-color:#7984AF }
```

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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