

Converting Colors

Hex(788DAF)

Have a look what the booklet for
Hex(788DAF) contains.

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Color

Hex(788DAF)

Conversions

Conversions Part 1

Format	Color
Hex	788DAF
RGB	120, 141, 175
RGB Percent	47%, 55%, 69%
CMY	0.5294, 0.4471, 0.3137
CMYK	0.31, 0.19, 0.00, 0.31
HSL	217°, 26%, 58%
HSV	217°, 31%, 69%
XYZ	25.0085, 26.1380, 44.2845
YIQ	138.5970, -23.4300, 6.1220

Conversions

Conversions Part 2

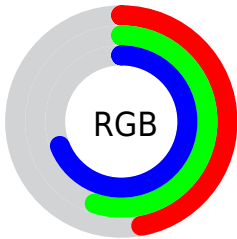
Format	Color
RYB	120, 135, 175
Decimal	7900591
CIELab	58.17, 0.71, -20.31
CIELCh	58, 20.318, 271.993
Yxy	26.1380, 0.2621, 0.2739
Android (android.graphics.Color)	4286090671 (0xFF788DAF)
YUV	138.5970, 17.9467, -16.3096
Hunter-Lab	51.1253, -2.1542, -15.5690

Details

The Hex color **788DAF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AF9A78**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **ADC3E7**, and **455B7A** is the 20% darker color. If you saturate the color by 10%, you get **6682AF**, and if you desaturate by 10%, it is **8A98AF**.

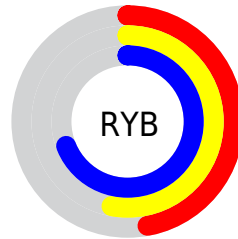
Distribution



Red (47%)

Green (55%)

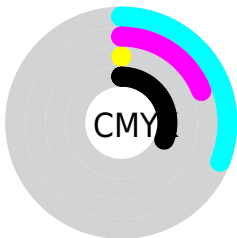
Blue (69%)



Red (47%)

Yellow (53%)

Blue (69%)

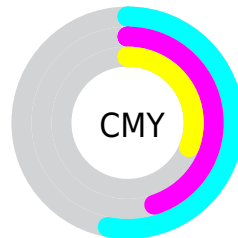


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788DAF 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 788DAF by changing the saturation by 10% instead.

■ 788DAF

FFFFFF

■ ADC3E7

■ C9DEFF

■ E6FBFF

■ 788DAF

■ 5E7494

■ 455B7A

■ 2D4461

■ 142E4A

■ 001933

■ 00021E

■ 000000

■ 788DAF

■ 6682AF

■ 788DAF

■ 8A98AF

■ 5577AF

■ 9BA3AF

■ 446DAF

■ ADADAF

■ 3262AF

■ BEB8AF

■ 2157AF

■ D0C3AF

■ 0F4CAF

■ E1CEAF

■ 0043AF

■ F3D9AF

■ FFE4AF

■ FFEEAF

Harmonies

Analogous

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



6292AB



788DAF



9087AA

Triad

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



788DAF



B0807A



70947B

Complementary

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



788DAF



AF9A78

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.



85906D



788DAF



A7856D

Square

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



788DAF



AF7F8B



988B68



5F968C

Rectangle

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



788DAF



9E83A2



988B68



779375

Sweetspot

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



788DAF



CFD6E3



78AF9A



666B73



F2F2F2



737373

Same Dimension

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



788DAF



8DAEE3



7E78AF



4E5157



003996



000917

Inverse Universe

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



AF788D



E38DAE



A9AF78



574E51



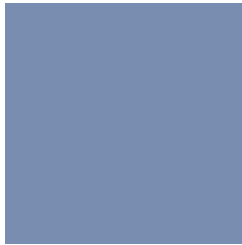
960039



170009

Previews

White Background



This preview shows how the Hex color 788DAF looks on a white background.

Color Contrast Check

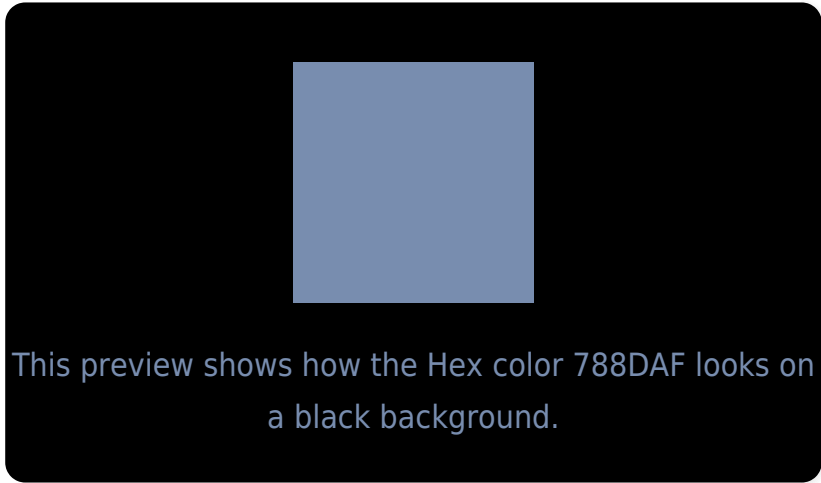
Large Text (above 18pt) WCAG AA ✓ Pass

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

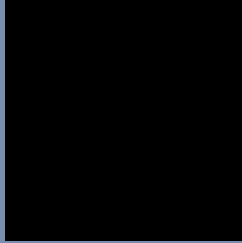
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

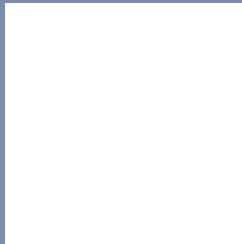
Any Text WCAG AAA × Fail

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

Hex 788DAF Background



This preview shows how black text looks on a background with the Hex color 788DAF.

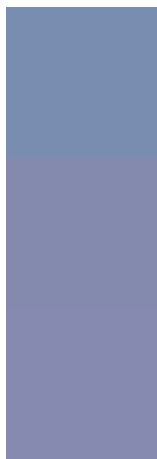


This preview shows how white text looks on a background with the Hex color 788DAF.

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
788DAF

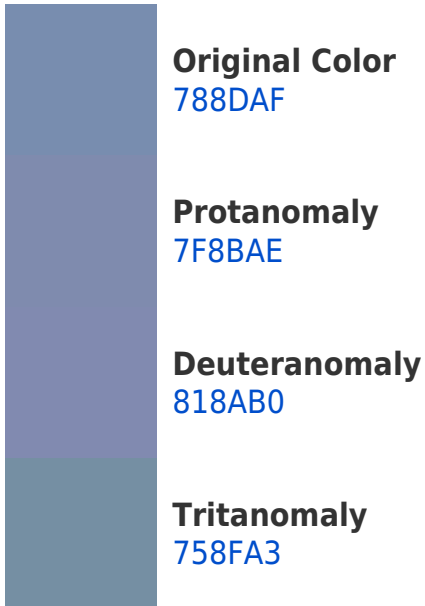
Protanopia
838AAD

Deuteranopia
8689B0

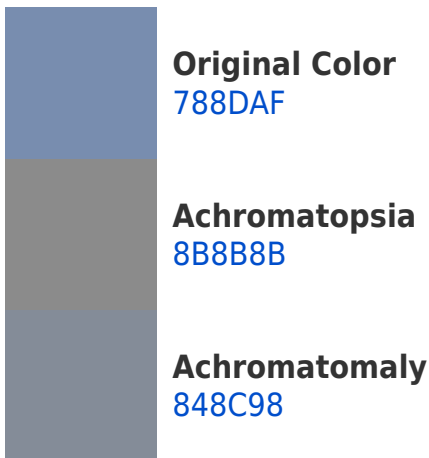


Tritanopia
74909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 788DAF 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 #788DAF looks like.

```
.text, #text, p{  
    color:#788DAF  
}
```

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 #788DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788DAF
}
```

Border

The CSS property to change the border of an element to Hex 788DAF 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
#788DAF }
```

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

```
.border{ border-color:#788DAF }
```

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

Here you see how a box with a 4 pixel #788DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788DAF; -webkit-box-shadow:4px 4px  
4px 4px #788DAF; box-shadow:4px 4px 4px  
4px #788DAF }
```

Background

The CSS property to change the background color of an element to Hex 788DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788DAF }
```

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

```
.background{ background-color:#788DAF }
```

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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