

Converting Colors

Hex(788DA1)

Have a look what the booklet for
Hex(788DA1) contains.

Hex(788DA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(788DA1)

Conversions

Conversions Part 1

Format	Color
Hex	788DA1
RGB	120, 141, 161
RGB Percent	47%, 55%, 63%
CMY	0.5294, 0.4471, 0.3686
CMYK	0.25, 0.12, 0.00, 0.37
HSL	209°, 18%, 55%
HSV	209°, 25%, 63%
XYZ	23.7036, 25.6160, 37.4133
YIQ	137.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

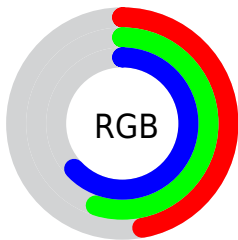
Format	Color
R_{YB}	120, 134, 161
Decimal	7900577
CIE _{Lab}	57.67, -2.82, -13.06
CIE _{LCh}	58, 13.366, 257.806
Yxy	25.6160, 0.2733, 0.2953
Android (android.graphics.Color)	4286090657 (0xFF788DA1)
YUV	137.0010, 11.8315, -14.9099
Hunter-Lab	50.6123, -4.9733, -8.3994

Details

The Hex color **788DA1** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A18C78**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ADC3D8**, and **465B6D** is the 20% darker color. If you saturate the color by 10%, you get **6885A1**, and if you desaturate by 10%, it is **8895A1**.

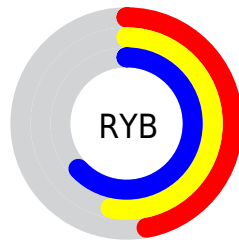
Distribution



Red (47%)

Green (55%)

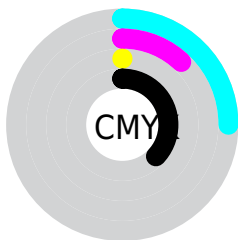
Blue (63%)



Red (47%)

Yellow (53%)

Blue (63%)

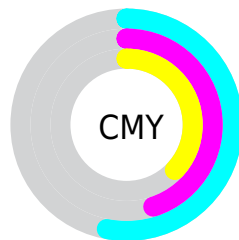


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (45%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788DA1 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 788DA1 by changing the saturation by 10% instead.

■ 788DA1

■ 788DA1

FFFFFF

■ 5F7387

■ ADC3D8

■ 465B6D

■ C9DEF4

■ 2F4455

■ E5FBFF

■ 182D3E

■ 011928

■ 000113

■ 000000

■ 788DA1

■ 788DA1

■ 6885A1

■ 8895A1

■ 587DA1

■ 989DA1

■ 4875A1

■ A8A5A1

■ 386EA1

■ B8ACA1

■ 2866A1

■ C9B4A1

■ 175EA1

■ D9BCA1

■ 0756A1

■ E9C4A1

■ 0052A1

■ F9CCA1

■ FFD4A1

Harmonies

Analogous

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



6E909B



788DA1



8789A1

Triad

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



788DA1



A38384



7F8F7B

Complementary

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



788DA1



A18C78

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.



8C8C74



788DA1



A1857A

Square

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



788DA1



9F8390



988874



739185

Rectangle

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



788DA1



91879D



988874



838E78

Sweetspot

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



788DA1



C0C9D1



78A18C



5E6369



E8E8E8



696969

Same Dimension

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



788DA1



90B1D1



7879A1



494E52



004A91



000912

Inverse Universe

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



A1788D



D190B1



A1A078



52494E



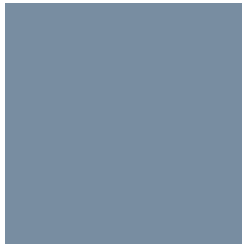
91004A



120009

Previews

White Background



This preview shows how the Hex color 788DA1 looks on a white background.

Color Contrast Check

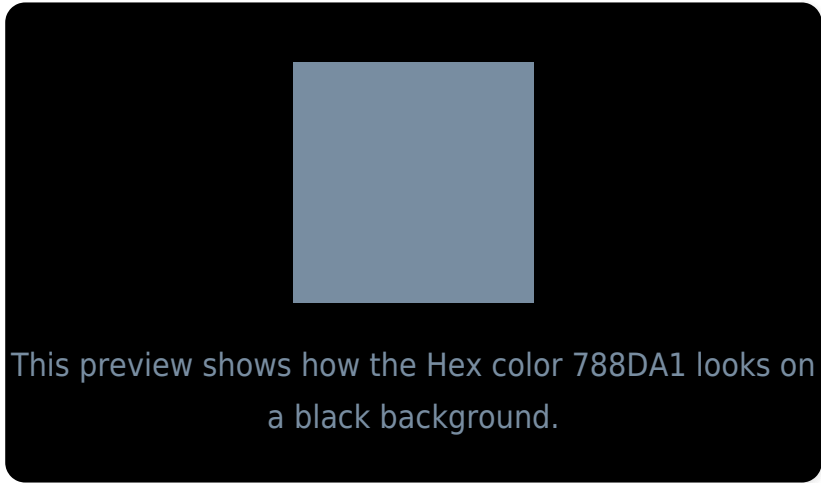
Large Text (above 18pt) WCAG AA ✓ Pass

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

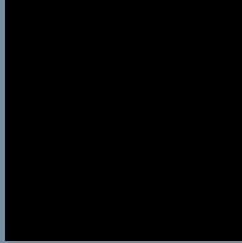
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

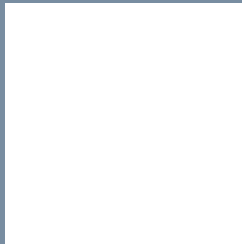
Any Text WCAG AAA × Fail

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

Hex 788DA1 Background



This preview shows how black text looks on a background with the Hex color 788DA1.

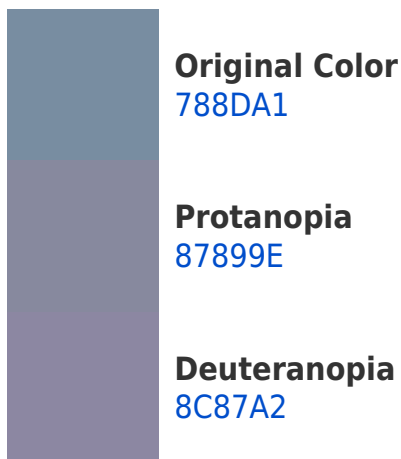


This preview shows how white text looks on a background with the Hex color 788DA1.

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





Tritanopia
768E9A

Trichromacy



Original Color
788DA1

Protanomaly
828A9F

Deuteranomaly
8589A2

Tritanomaly
778E9D

Monochromacy



Original Color
788DA1

Achromatopsia
898989

Achromatomaly
838A92

CSS Examples

Text

The CSS property to change the color of the text to Hex 788DA1 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 #788DA1 looks like.

```
.text, #text, p{  
    color:#788DA1  
}
```

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 #788DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788DA1
}
```

Border

The CSS property to change the border of an element to Hex 788DA1 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
#788DA1 }
```

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

```
.border{ border-color:#788DA1 }
```

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

Here you see how a box with a 4 pixel #788DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788DA1; -webkit-box-shadow:4px 4px  
4px 4px #788DA1; box-shadow:4px 4px 4px  
4px #788DA1 }
```

Background

The CSS property to change the background color of an element to Hex 788DA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788DA1 }
```

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

```
.background{ background-color:#788DA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor