

Converting Colors

Hex(788DB6)

Have a look what the booklet for
Hex(788DB6) contains.

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Color

Hex(788DB6)

Conversions

Conversions Part 1

Format	Color
Hex	788DB6
RGB	120, 141, 182
RGB Percent	47%, 55%, 71%
CMY	0.5294, 0.4471, 0.2863
CMYK	0.34, 0.23, 0.00, 0.29
HSL	220°, 30%, 59%
HSV	220°, 34%, 71%
XYZ	25.7141, 26.4202, 48.0003
YIQ	139.3950, -25.6770, 8.2990

Conversions

Conversions Part 2

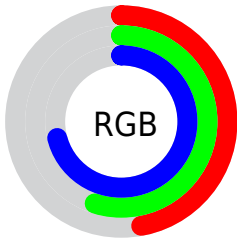
Format	Color
R_{YB}	120, 136, 182
Decimal	7900598
CIE _{Lab}	58.43, 2.55, -23.88
CIE _{LCh}	58, 24.016, 276.084
Yxy	26.4202, 0.2568, 0.2638
Android (android.graphics.Color)	4286090678 (0xFF788DB6)
YUV	139.3950, 21.0043, -17.0094
Hunter-Lab	51.4006, -0.6531, -19.3874

Details

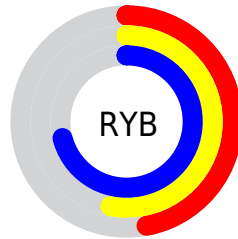
The Hex color **788DB6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B6A178**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **AEC2EE**, and **455B81** is the 20% darker color. If you saturate the color by 10%, you get **6681B6**, and if you desaturate by 10%, it is **8A99B6**.

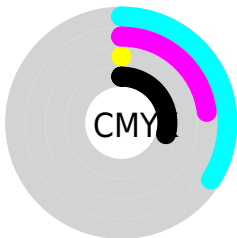
Distribution



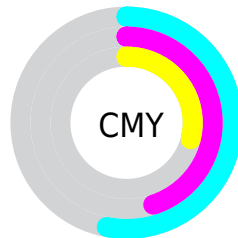
- Red (47%)
- Green (55%)
- Blue (71%)



- Red (47%)
- Yellow (53%)
- Blue (71%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788DB6 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 788DB6 by changing the saturation by 10% instead.

■ 788DB6

■ 788DB6

FFFFFF

■ 5E749B

■ AEC2EE

■ 455B81

■ CADEFF

■ 2C4468

■ E6FBFF

■ 112E4F

■ 001938

■ 000223

■ 00000A

■ 000000

■ 788DB6

■ 788DB6

6681B6

8A99B6

5475B6

9CA5B6

4169B6

AFB1B6

2F5DB6

C1BDB6

1D51B6

D3C9B6

0B45B6

E5D5B6

003EB6

F7E1B6

FFEDB6

FFF9B6

Harmonies

Analogous

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



5B93B2



788DB6



9586AE

Triad

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



788DB6



B57F75



68977B

Complementary

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



788DB6



B6A178

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.



80936A



788DB6



AA8567

Square

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



788DB6



B67D89



978D63



539890

Rectangle

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



788DB6



A581A4



978D63



709674

Sweetspot

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



788DB6



D5DDED



78B6A0



696E78



F7F7F7



787878

Same Dimension

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



788DB6



8CADED



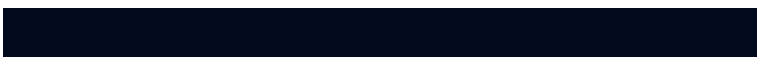
8178B6



53565C



00359C



000A1C

Inverse Universe

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



B6788D



ED8CAD



ADB678



5C5356



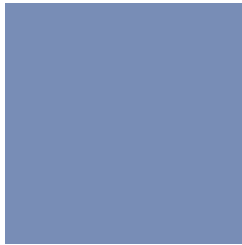
9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 788DB6 looks on a white background.

Color Contrast Check

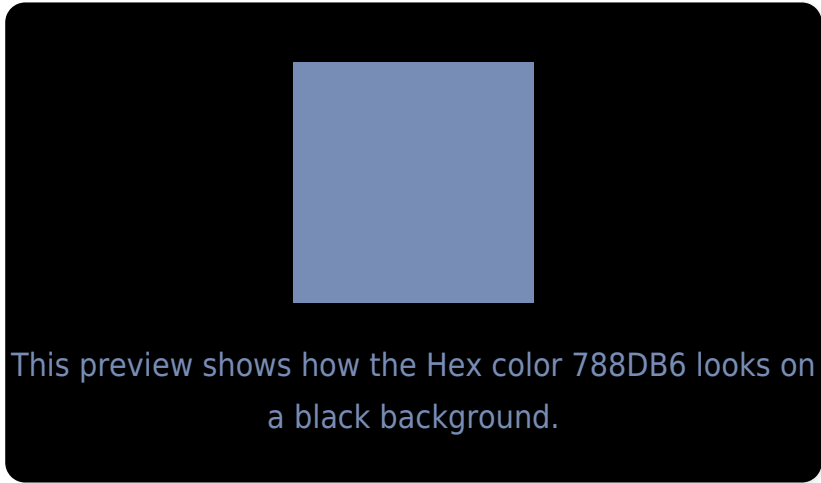
Large Text (above 18pt) WCAG AA ✓ Pass

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

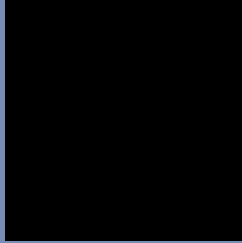
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

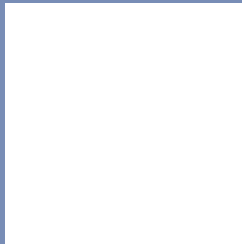
Any Text WCAG AAA × Fail

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

Hex 788DB6 Background



This preview shows how black text looks on a background with the Hex color 788DB6.

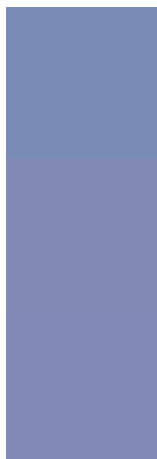


This preview shows how white text looks on a background with the Hex color 788DB6.

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
788DB6

Protanopia
818BB4

Deuteranopia
838AB7



Tritanopia
72919D

Trichromacy



Original Color
788DB6

Protanomaly
7E8CB5

Deuteranomaly
7F8BB7

Tritanomaly
7490A6

Monochromacy



Original Color
788DB6

Achromatopsia
8B8B8B

Achromatomaly
848C9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 788DB6 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 #788DB6 looks like.

```
.text, #text, p{  
    color:#788DB6  
}
```

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 #788DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788DB6
}
```

Border

The CSS property to change the border of an element to Hex 788DB6 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
#788DB6 }
```

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

```
.border{ border-color:#788DB6 }
```

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

Here you see how a box with a 4 pixel #788DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788DB6; -webkit-box-shadow:4px 4px  
4px 4px #788DB6; box-shadow:4px 4px 4px  
4px #788DB6 }
```

Background

The CSS property to change the background color of an element to Hex 788DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788DB6 }
```

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

```
.background{ background-color:#788DB6 }
```

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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