

Converting Colors

Hex(788BBA)

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

Hex(788BBA)	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(788BBA)

Conversions

Conversions Part 1

Format	Color
Hex	788BBA
RGB	120, 139, 186
RGB Percent	47%, 55%, 73%
CMY	0.5294, 0.4549, 0.2706
CMYK	0.35, 0.25, 0.00, 0.27
HSL	223°, 32%, 60%
HSV	223°, 35%, 73%
XYZ	25.8413, 26.0035, 50.1116
YIQ	138.6770, -26.4110, 10.5890

Conversions

Conversions Part 2

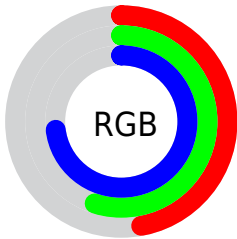
Format	Color
R_{YB}	120, 135, 186
Decimal	7900090
CIE _{Lab}	58.04, 4.77, -26.76
CIE _{LCh}	58, 27.182, 280.115
Yxy	26.0035, 0.2535, 0.2550
Android (android.graphics.Color)	4286090170 (0xFF788BBA)
YUV	138.6770, 23.3302, -16.3797
Hunter-Lab	50.9936, 1.2170, -22.5689

Details

The Hex color **788BBA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BAA778**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **AEC0F2**, and **445985** is the 20% darker color. If you saturate the color by 10%, you get **657EBA**, and if you desaturate by 10%, it is **8B98BA**.

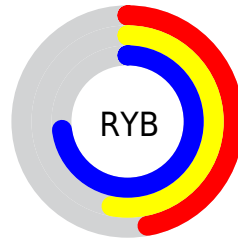
Distribution



Red (47%)

Green (55%)

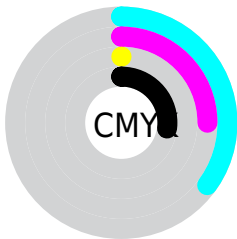
Blue (73%)



Red (47%)

Yellow (53%)

Blue (73%)

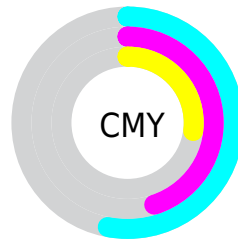


Cyan (35%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 788BBA

■ 788BBA

FFFFFF

■ 5E729F

■ AEC0F2

■ 445985

■ CADCFE

■ 2B426B

■ E7F9FF

■ 0E2C53

■ 00183B

■ 000226

■ 00010E

■ 000000

■ 788BBA

■ 788BBA

■ 657EBA

■ 8B98BA

■ 5371BA

■ 9DA5BA

■ 4063BA

■ B0B3BA

■ 2E56BA

■ C2C0BA

■ 1B49BA

■ D5CDBA

■ 083CBA

■ E8DABA

■ 0036BA

■ FAE8BA

■ FFF5BA

■ FFFFBA

Harmonies

Analogous

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



5492B8



788BBA



9983B0

Triad

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



788BBA



B87D6E



5E977B

Complementary

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



788BBA



BAA778

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.



7A9366



788BBA



AA855F

Square

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



788BBA



BB7A84



948D5C



449993

Rectangle

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



788BBA



AA7EA4



948D5C



679673

Sweetspot

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



788BBA



D8DFF2



78BAA6



6A6F7A



FAFAFA



7A7A7A

Same Dimension

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



788BBA



8AA8F2



8578BA



53555C



002D9C



00081C

Inverse Universe

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



BA788B



F28AA8



ADBA78



5C5355



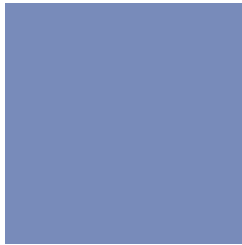
9C002D



1C0008

Previews

White Background



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

Color Contrast Check

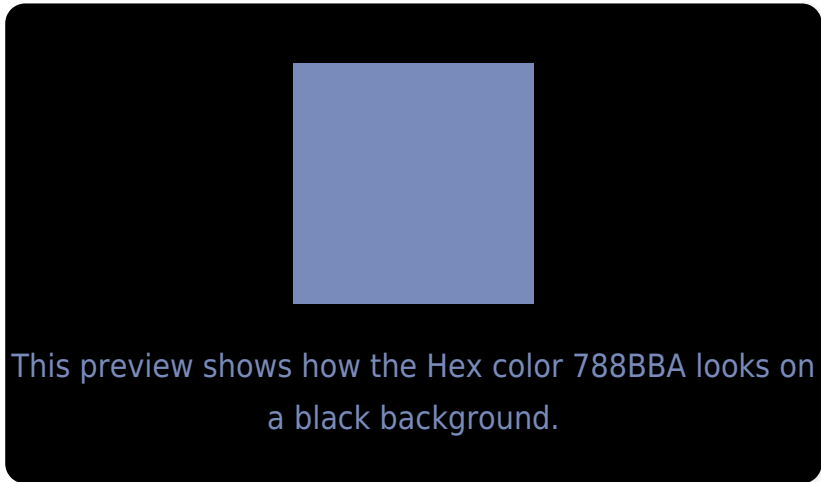
Large Text (above 18pt) WCAG AA ✓ Pass

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

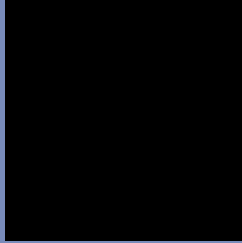
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

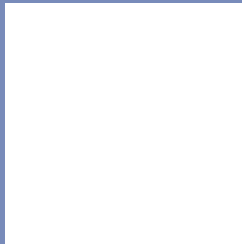
Any Text WCAG AAA × Fail

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

Hex 788BBA Background



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

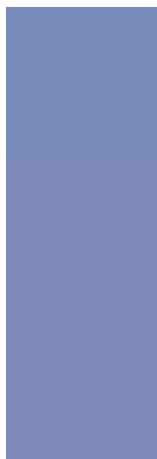


This preview shows how white text looks on a background with the Hex color 788BBA.

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


788BBA

Protanopia

7E8AB9

Deuteranopia

7F89BA



Tritanopia
71919C

Trichromacy



Original Color

788BBA

Protanomaly

7C8AB9

Deuteranomaly

7C8ABA

Tritanomaly

748FA7

Monochromacy



Original Color

788BBA

Achromatopsia

8B8B8B

Achromatomaly

848B9C

CSS Examples

Text

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

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

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 #788BBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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