

Converting Colors

Hex(7283B8)

Have a look what the booklet for
Hex(7283B8) contains.

Hex(7283B8)	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(7283B8)

Conversions

Conversions Part 1

Format	Color
Hex	7283B8
RGB	114, 131, 184
RGB Percent	45%, 51%, 72%
CMY	0.5529, 0.4863, 0.2784
CMYK	0.38, 0.29, 0.00, 0.28
HSL	225°, 33%, 58%
HSV	225°, 38%, 72%
XYZ	23.7075, 23.2707, 48.5896
YIQ	131.9590, -27.1450, 12.8790

Conversions

Conversions Part 2

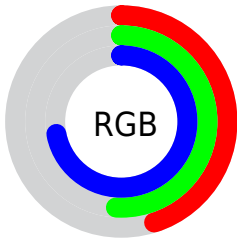
Format	Color
RYB	114, 128, 184
Decimal	7504824
CIELab	55.35, 7.20, -29.82
CIELCh	55, 30.674, 283.569
Yxy	23.2707, 0.2481, 0.2435
Android (android.graphics.Color)	4285694904 (0xFF7283B8)
YUV	131.9590, 25.6562, -15.7500
Hunter-Lab	48.2397, 3.3045, -25.9522

Details

The Hex color **7283B8** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B8A772**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A8B8F0**, and **3E5283** is the 20% darker color. If you saturate the color by 10%, you get **6075B8**, and if you desaturate by 10%, it is **8491B8**.

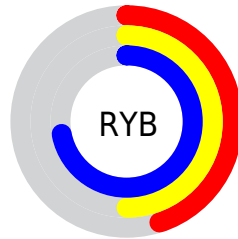
Distribution



Red (45%)

Green (51%)

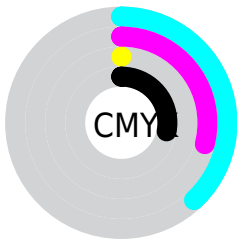
Blue (72%)



Red (45%)

Yellow (50%)

Blue (72%)

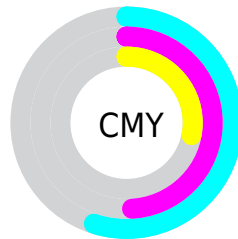


Cyan (38%)

Magenta (29%)

Yellow (0%)

Black (28%)



Cyan (55%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7283B8 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 7283B8 by changing the saturation by 10% instead.

■ 7283B8

■ 7283B8

FFFFFF

■ 586A9D

■ A8B8F0

■ 3E5283

■ C4D3FF

■ 243B69

■ E0F0FF

■ 022651

FEFFFF

■ 00113A

■ 000224

■ 00000B

■ 000000

■ 7283B8

■ 7283B8

6075B8

8491B8

4D67B8

979FB8

3B59B8

A9ADB8

284BB8

BCBBB8

163DB8

CEC9B8

042FB8

E0D7B8

002DB8

F3E5B8

FFF2B8

FFFFB8

Harmonies

Analogous

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



458BB7



7283B8



9779AB

Triad

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



7283B8



B47561



4B9275

Complementary

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



7283B8



B8A772

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.



6D8E5D



7283B8



A37E52

Square

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



7283B8



B97079



8A8750



279390

Rectangle

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



7283B8



A9749D



8A8750



57916C

Sweetspot

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



7283B8



D5DCF0



72B8A7



686C78



F7F7F7



787878

Same Dimension

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



7283B8



819CF0



8472B8



53555C



00269C



00071C

Inverse Universe

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



B87283



F0819C



A7B872



5C5355



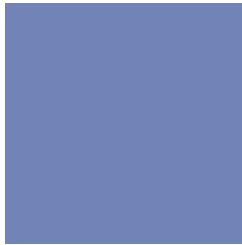
9C0026



1C0007

Previews

White Background



This preview shows how the Hex color 7283B8 looks on a white background.

Color Contrast Check

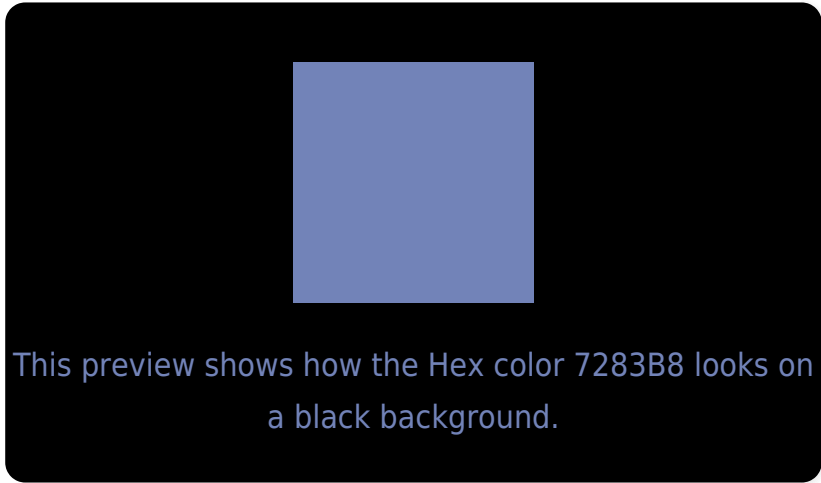
Large Text (above 18pt) WCAG AA ✓ Pass

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

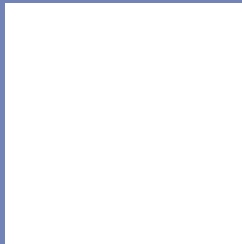
Any Text WCAG AAA × Fail

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

Hex 7283B8 Background



This preview shows how black text looks on a background with the Hex color 7283B8.



This preview shows how white text looks on a background with the Hex color 7283B8.

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


7283B8

Protanopia

7482B8

Deuteranopia

7383B8



Tritanopia
698A95

Trichromacy



Original Color
7283B8

Protanomaly
7382B8

Deuteranomaly
7383B8

Tritanomaly
6C87A2

Monochromacy



Original Color
7283B8

Achromatopsia
848484

Achromatomaly
7D8497

CSS Examples

Text

The CSS property to change the color of the text to Hex 7283B8 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 #7283B8 looks like.

```
.text, #text, p{  
    color:#7283B8  
}
```

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 #7283B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7283B8
}
```

Border

The CSS property to change the border of an element to Hex 7283B8 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
#7283B8 }
```

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

```
.border{ border-color:#7283B8 }
```

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

Here you see how a box with a 4 pixel #7283B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7283B8; -webkit-box-shadow:4px 4px  
4px 4px #7283B8; box-shadow:4px 4px 4px  
4px #7283B8 }
```

Background

The CSS property to change the background color of an element to Hex 7283B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7283B8 }
```

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

```
.background{ background-color:#7283B8 }
```

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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