

Converting Colors

Hex(7283B2)

Have a look what the booklet for
Hex(7283B2) contains.

Hex(7283B2)	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(7283B2)

Conversions

Conversions Part 1

Format	Color
Hex	7283B2
RGB	114, 131, 178
RGB Percent	45%, 51%, 70%
CMY	0.5529, 0.4863, 0.3020
CMYK	0.36, 0.26, 0.00, 0.30
HSL	224°, 29%, 57%
HSV	224°, 36%, 70%
XYZ	23.0916, 23.0244, 45.3466
YIQ	131.2750, -25.2190, 11.0130

Conversions

Conversions Part 2

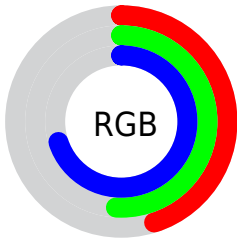
Format	Color
R_{YB}	114, 127, 178
Decimal	7504818
CIE Lab	55.10, 5.54, -26.77
CIE LCh	55, 27.341, 281.683
Yxy	23.0244, 0.2525, 0.2517
Android (android.graphics.Color)	4285694898 (0xFF7283B2)
YUV	131.2750, 23.0354, -15.1502
Hunter-Lab	47.9837, 1.9296, -22.4429

Details

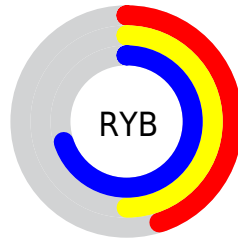
The Hex color **7283B2** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B2A172**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A8B8EA**, and **3F527D** is the 20% darker color. If you saturate the color by 10%, you get **6076B2**, and if you desaturate by 10%, it is **8490B2**.

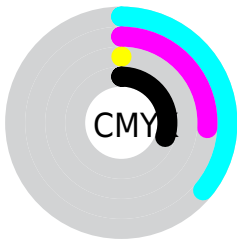
Distribution



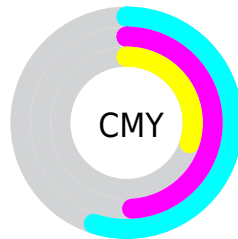
- Red (45%)
- Green (51%)
- Blue (70%)



- Red (45%)
- Yellow (50%)
- Blue (70%)



- Cyan (36%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (55%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7283B2 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 7283B2 by changing the saturation by 10% instead.



7283B2



7283B2

FFFFFF



586A97



A8B8EA



3F527D



C3D3FF



253B64



E0F0FF



07264C

FDFFFF



001135



00021F



000003



000000



7283B2



7283B2

6076B2

8490B2

4E69B2

969DB2

3D5CB2

A7AAB2

2B4FB2

B9B7B2

1942B2

CBC4B2

0735B2

DDD1B2

002FB2

EFDfB2

FFECB2

FFF9B2

Harmonies

Analogous

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



4D8AB0



7283B2



937BA7

Triad

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



7283B2



AF7666



549074

Complementary

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



7283B2



B2A172

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.



718C60



7283B2



A17D57

Square

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



7283B2



B3727B



8B8555



3A918D

Rectangle

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



7283B2



A3769B



8B8555



5E8F6D

Sweetspot

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



7283B2



CFD5E8



72B2A1



666A75



F5F5F5



757575

Same Dimension

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



7283B2



849FE8



8172B2



505359



002999



00071A

Inverse Universe

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



B27283



E8849F



A3B272



595053



990029



1A0007

Previews

White Background



This preview shows how the Hex color 7283B2 looks on a white background.

Color Contrast Check

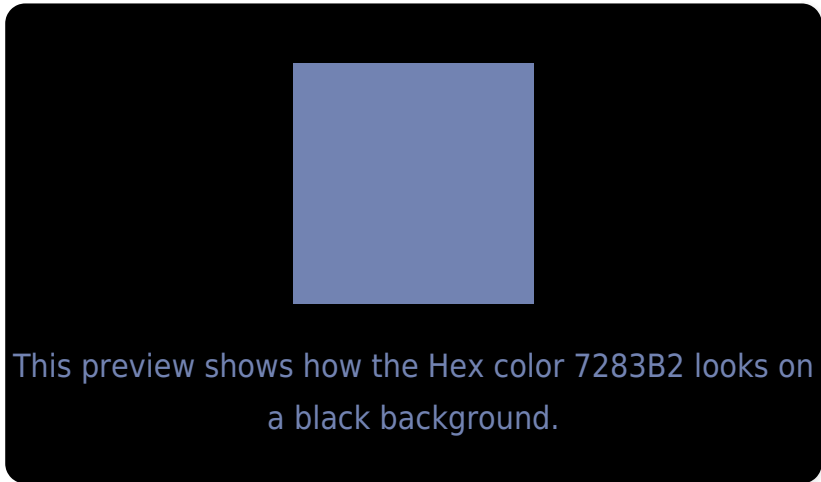
Large Text (above 18pt) WCAG AA ✓ Pass

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

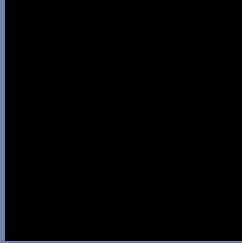
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

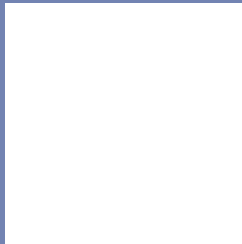
Any Text WCAG AAA × Fail

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

Hex 7283B2 Background



This preview shows how black text looks on a background with the Hex color 7283B2.



This preview shows how white text looks on a background with the Hex color 7283B2.

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
7283B2

Protanopia
7682B1

Deuteranopia
7682B2



Tritanopia
6B8994

Trichromacy



Original Color
7283B2

Protanomaly
7582B1

Deuteranomaly
7582B2

Tritanomaly
6E879F

Monochromacy



Original Color
7283B2

Achromatopsia
838383

Achromatomaly
7D8394

CSS Examples

Text

The CSS property to change the color of the text to Hex 7283B2 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 #7283B2 looks like.

```
.text, #text, p{  
    color:#7283B2  
}
```

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 #7283B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7283B2
}
```

Border

The CSS property to change the border of an element to Hex 7283B2 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
#7283B2 }
```

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

```
.border{ border-color:#7283B2 }
```

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

Here you see how a box with a 4 pixel #7283B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7283B2; -webkit-box-shadow:4px 4px  
4px 4px #7283B2; box-shadow:4px 4px 4px  
4px #7283B2 }
```

Background

The CSS property to change the background color of an element to Hex 7283B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7283B2 }
```

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

```
.background{ background-color:#7283B2 }
```

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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