

# Converting Colors

Hex(7288BB)

Have a look what the booklet for  
Hex(7288BB) contains.

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# Color

**Hex(7288BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7288BB
RGB	114, 136, 187
RGB Percent	45%, 53%, 73%
CMY	0.5529, 0.4667, 0.2667
CMYK	0.39, 0.27, 0.00, 0.27
HSL	222°, 35%, 59%
HSV	222°, 39%, 73%
XYZ	24.7132, 24.7736, 50.4930
YIQ	135.2360, -29.4830, 11.1970

# Conversions

## Conversions Part 2

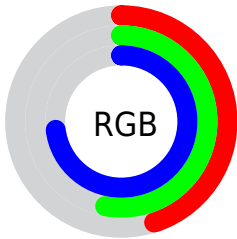
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 131, 187
Decimal	7506107
CIE <sub>Lab</sub>	56.85, 5.10, -29.20
CIE <sub>LCh</sub>	57, 29.638, 279.915
Yxy	24.7736, 0.2472, 0.2478
Android (android.graphics.Color)	4285696187 (0xFF7288BB)
YUV	135.2360, 25.5197, -18.6240
Hunter-Lab	49.7731, 1.5256, -25.3064

# Details

The Hex color **7288BB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BBA572**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A8BDF3**, and **3E5786** is the 20% darker color. If you saturate the color by 10%, you get **5F7BBB**, and if you desaturate by 10%, it is **8595BB**.

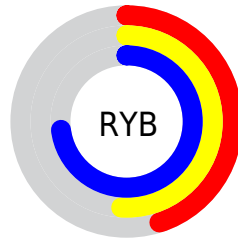
# Distribution



Red (45%)

Green (53%)

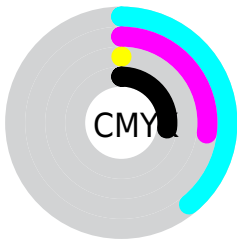
Blue (73%)



Red (45%)

Yellow (51%)

Blue (73%)

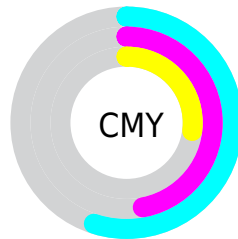


Cyan (39%)

Magenta (27%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (47%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7288BB 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 7288BB by changing the saturation by 10% instead.



■ 7288BB

■ 7288BB

FFFFFF

■ 586FA0

■ A8BDF3

■ 3E5786

■ C4D9FF

■ 233F6C

■ E1F5FF

■ 002A54

FEFFFF

■ 00163C

■ 000326

■ 00010F

■ 000000

■ 7288BB

■ 7288BB

■ 5F7BBB

■ 8595BB

■ 4D6EBB

■ 97A2BB

■ 3A61BB

■ AAAFBB

■ 2754BB

■ BDBCBB

■ 1547BB

■ CFC9BB

■ 023ABB

■ E2D6BB

■ 0038BB

■ F5E3BB

■ FFF1BB

■ FFFEBB

# Harmonies

## Analogous

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



4890B8



7288BB



977FB0

# Triad

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



7288BB



B87969



569576

# Complementary

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



7288BB



BBA572

# 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.



759160



7288BB



A98158

# Square

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



7288BB



BB7581



918A55



369690

# Rectangle

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



7288BB



A979A3



918A55



60946E



# Sweetspot

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



7288BB



D5DEF2



72BBA4



696E7A



FAFAFA



7A7A7A



# Same Dimension

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



7288BB



80A3F2



7F72BB



55585E



00309E



00091F



# Inverse Universe

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



BB7288



F280A3



AEBB72



5E5558



9E0030

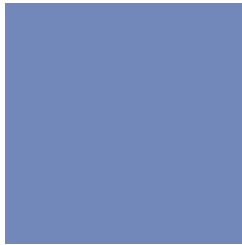


1F0009



# Previews

## White Background



This preview shows how the Hex color 7288BB looks on a white background.

## Color Contrast Check

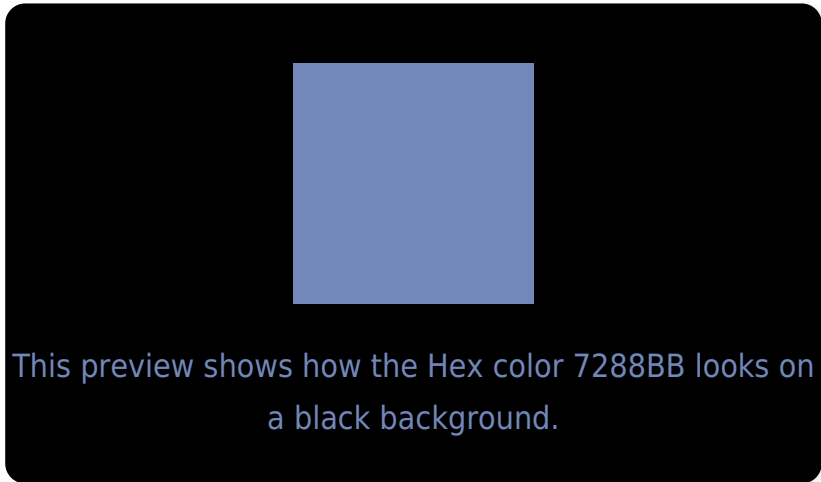
Large Text (above 18pt) WCAG AA ✓ Pass

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

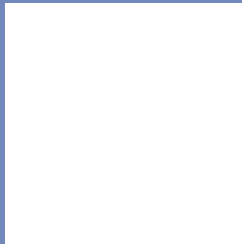
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7288BB Background



This preview shows how black text looks on a background with the Hex color 7288BB.



This preview shows how white text looks on a background with the Hex color 7288BB.

# 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**  
7288BB

**Protanopia**  
7986BA

**Deuteranopia**  
7886BB



**Tritanopia**  
6A8E9A

# Trichromacy



**Original Color**  
7288BB

**Protanomaly**  
7687BA

**Deuteranomaly**  
7687BB

**Tritanomaly**  
6D8CA6

# Monochromacy



**Original Color**  
7288BB

**Achromatopsia**  
878787

**Achromatomaly**  
7F879A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7288BB 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 #7288BB looks like.

```
.text, #text, p{  
    color:#7288BB  
}
```

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 #7288BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7288BB
}
```

## Border

The CSS property to change the border of an element to Hex 7288BB 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
#7288BB }
```

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

```
.border{ border-color:#7288BB }
```

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

Here you see how a box with a 4 pixel #7288BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7288BB; -webkit-box-shadow:4px 4px  
4px 4px #7288BB; box-shadow:4px 4px 4px  
4px #7288BB }
```

# Background

The CSS property to change the background color of an element to Hex 7288BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7288BB }
```

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

```
.background{ background-color:#7288BB }
```

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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