

Converting Colors

Hex(7285B6)

Have a look what the booklet for
Hex(7285B6) contains.

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Color

Hex(7285B6)

Conversions

Conversions Part 1

Format	Color
Hex	7285B6
RGB	114, 133, 182
RGB Percent	45%, 52%, 71%
CMY	0.5529, 0.4784, 0.2863
CMYK	0.37, 0.27, 0.00, 0.29
HSL	223°, 32%, 58%
HSV	223°, 37%, 71%
XYZ	23.7705, 23.7299, 47.5835
YIQ	132.9050, -27.0530, 11.2110

Conversions

Conversions Part 2

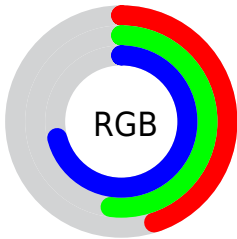
Format	Color
R_{YB}	114, 129, 182
Decimal	7505334
CIE _{Lab}	55.82, 5.47, -27.95
CIE _{LCh}	56, 28.481, 281.064
Yxy	23.7299, 0.2500, 0.2496
Android (android.graphics.Color)	4285695414 (0xFF7285B6)
YUV	132.9050, 24.2038, -16.5797
Hunter-Lab	48.7133, 1.8537, -23.8155

Details

The Hex color **7285B6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B6A372**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A8BAEE**, and **3E5481** is the 20% darker color. If you saturate the color by 10%, you get **6078B6**, and if you desaturate by 10%, it is **8492B6**.

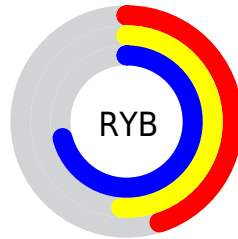
Distribution



Red (45%)

Green (52%)

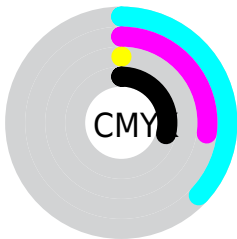
Blue (71%)



Red (45%)

Yellow (51%)

Blue (71%)

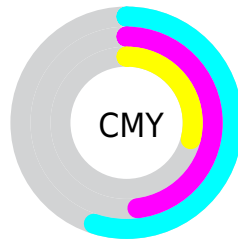


Cyan (37%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7285B6 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 7285B6 by changing the saturation by 10% instead.

■ 7285B6

■ 7285B6

FFFFFF

■ 586C9B

■ A8BAEE

■ 3E5481

■ C4D6FF

■ 243D68

■ E0F2FF

■ 04274F

FDFFFF

■ 001338

■ 000222

■ 000009

■ 000000

■ 7285B6

■ 7285B6

6078B6

8492B6

4E6BB6

969FB6

3B5EB6

A9ACB6

2951B6

BBB9B6

1743B6

CDC7B6

0536B6

DFD4B6

0033B6

F1E1B6

FFEEB6

FFFBB6

Harmonies

Analogous

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



4B8DB4



7285B6



957CAB

Triad

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



7285B6



B37766



549275

Complementary

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



7285B6



B6A372

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.



728E60



7285B6



A47F57

Square

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



7285B6



B6737D



8D8755



37938E

Rectangle

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



7285B6



A6779E



8D8755



5E916D

Sweetspot

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



7285B6



D3DAED



72B6A3



686D78



F7F7F7



787878

Same Dimension

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



7285B6



82A0ED



8172B6



53555C



002B9C



00081C

Inverse Universe

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



B67285



ED82A0



A7B672



5C5355



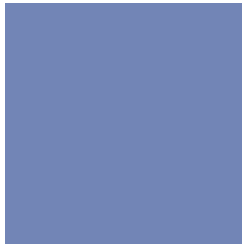
9C002B



1C0008

Previews

White Background



This preview shows how the Hex color 7285B6 looks on a white background.

Color Contrast Check

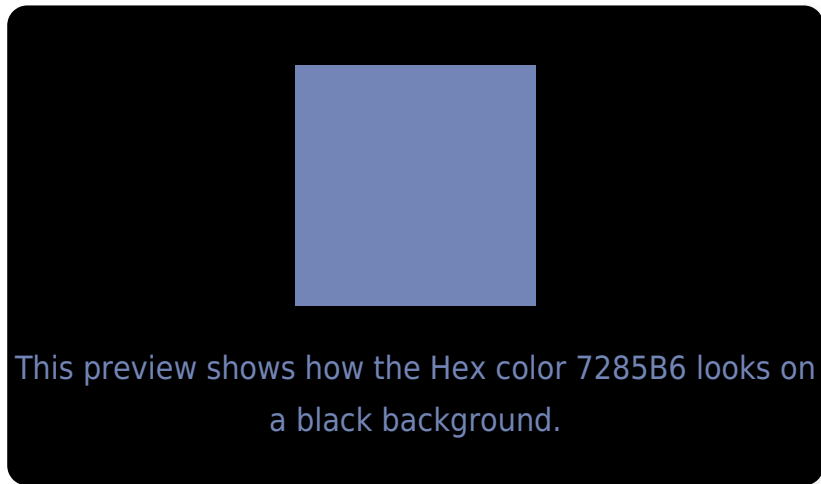
Large Text (above 18pt) WCAG AA ✓ Pass

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

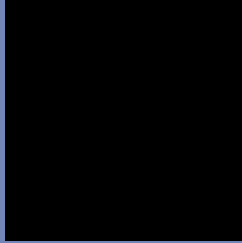
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

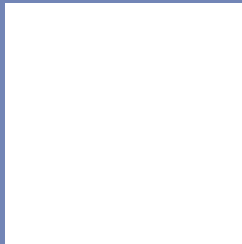
Any Text WCAG AAA × Fail

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

Hex 7285B6 Background



This preview shows how black text looks on a background with the Hex color 7285B6.



This preview shows how white text looks on a background with the Hex color 7285B6.

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

7285B6

Protanopia

7784B5

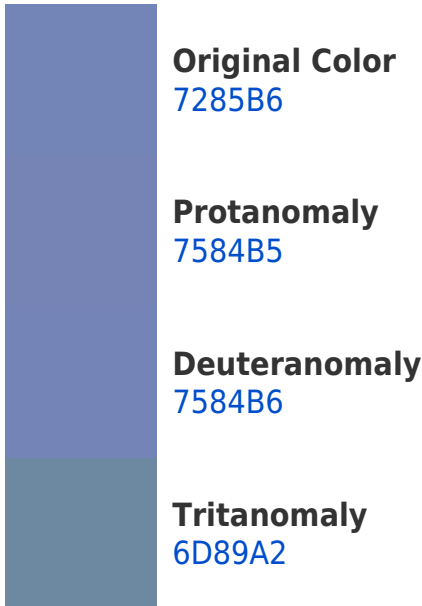
Deuteranopia

7784B6



Tritanopia
6A8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7285B6 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 #7285B6 looks like.

```
.text, #text, p{  
    color:#7285B6  
}
```

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 #7285B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7285B6
}
```

Border

The CSS property to change the border of an element to Hex 7285B6 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
#7285B6 }
```

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

```
.border{ border-color:#7285B6 }
```

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

Here you see how a box with a 4 pixel #7285B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7285B6; -webkit-box-shadow:4px 4px  
4px 4px #7285B6; box-shadow:4px 4px 4px  
4px #7285B6 }
```

Background

The CSS property to change the background color of an element to Hex 7285B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7285B6 }
```

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

```
.background{ background-color:#7285B6 }
```

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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