

Converting Colors

Hex(5287B6)

Have a look what the booklet for
Hex(5287B6) contains.

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Color

Hex(5287B6)

Conversions

Conversions Part 1

Format	Color
Hex	5287B6
RGB	82, 135, 182
RGB Percent	32%, 53%, 71%
CMY	0.6784, 0.4706, 0.2863
CMYK	0.55, 0.26, 0.00, 0.29
HSL	208°, 41%, 52%
HSV	208°, 55%, 71%
XYZ	20.5871, 22.4992, 47.5137
YIQ	124.5110, -46.6750, 3.3810

Conversions

Conversions Part 2

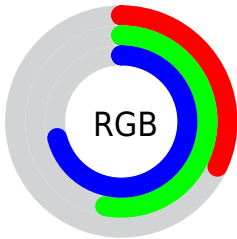
Format	Color
R _Y B	82, 117, 182
Decimal	5408694
CIE Lab	54.55, -3.83, -30.06
CIE LCh	55, 30.299, 262.740
Yxy	22.4992, 0.2272, 0.2483
Android (android.graphics.Color)	4283598774 (0xFF5287B6)
YUV	124.5110, 28.3421, -37.2821
Hunter-Lab	47.4333, -5.5352, -26.1872

Details

The Hex color **5287B6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B68152**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8ABCEE**, and **105681** is the 20% darker color. If you saturate the color by 10%, you get **407EB6**, and if you desaturate by 10%, it is **6490B6**.

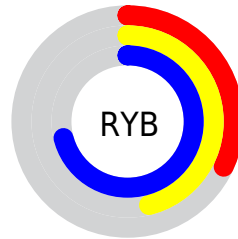
Distribution



Red (32%)

Green (53%)

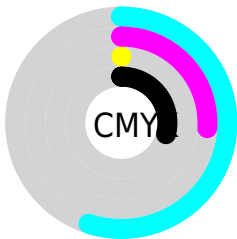
Blue (71%)



Red (32%)

Yellow (46%)

Blue (71%)

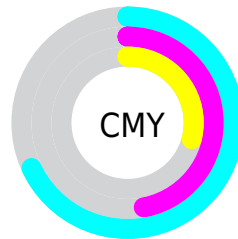


Cyan (55%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (68%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5287B6 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 5287B6 by changing the saturation by 10% instead.

■ 5287B6

■ 5287B6

FFFFFF

■ 356E9B

■ 8ABCEE

■ 105681

■ A6D8FF

■ 003F68

■ C3F4FF

■ 00294F

■ E0FFFF

■ 001538

■ F0FFFF

■ 000222

■ 000008

■ 000000

■ 5287B6

■ 5287B6

407EB6

6490B6

2E76B6

7698B6

1B6DB6

89A1B6

0965B6

9BA9B6

0060B6

ADB2B6

BFBAB6

D1C3B6

E4CBB6

F6D4B6

Harmonies

Analogous

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



268DAB



5287B6



7C7EB3

Triad

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



5287B6



B66F70



618D62

Complementary

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



5287B6



B68152

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.



808751



5287B6



AD765A

Square

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



5287B6



B16F8A



9A7F4E



3F907B

Rectangle

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



5287B6



9478A9



9A7F4E



6C8B5B

Sweetspot

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



5287B6



C7DBED



52B681



616D78



F7F7F7



787878

Same Dimension

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



5287B6



51A4ED



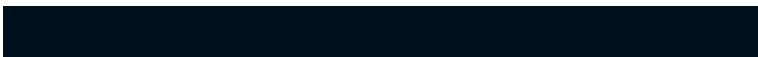
5255B6



53575C



00529C



000F1C

Inverse Universe

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



B65287



ED51A4



B6B352



5C5357



9C0052



1C000F

Previews

White Background



This preview shows how the Hex color 5287B6 looks on a white background.

Color Contrast Check

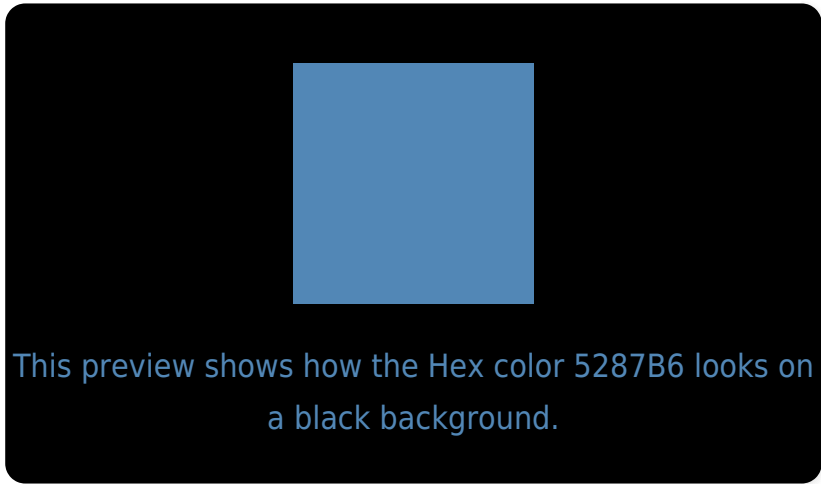
Large Text (above 18pt) WCAG AA ✓ Pass

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

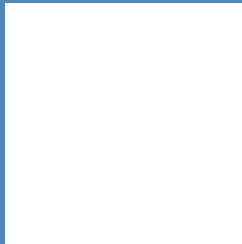
Any Text WCAG AAA × Fail

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

Hex 5287B6 Background



This preview shows how black text looks on a background with the Hex color 5287B6.



This preview shows how white text looks on a background with the Hex color 5287B6.

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](#).

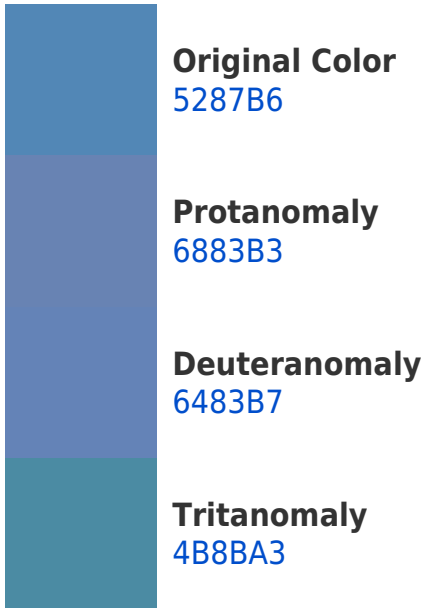
Dichromacy



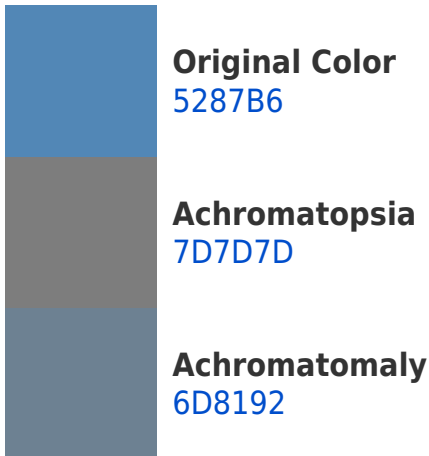


Tritanopia
478D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5287B6 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 #5287B6 looks like.

```
.text, #text, p{  
    color:#5287B6  
}
```

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 #5287B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5287B6
}
```

Border

The CSS property to change the border of an element to Hex 5287B6 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
#5287B6 }
```

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

```
.border{ border-color:#5287B6 }
```

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

Here you see how a box with a 4 pixel #5287B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5287B6; -webkit-box-shadow:4px 4px  
4px 4px #5287B6; box-shadow:4px 4px 4px  
4px #5287B6 }
```

Background

The CSS property to change the background color of an element to Hex 5287B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5287B6 }
```

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

```
.background{ background-color:#5287B6 }
```

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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