

Converting Colors

Hex(285BC1)

Have a look what the booklet for
Hex(285BC1) contains.

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Color

Hex(285BC1)

Conversions

Conversions Part 1

Format	Color
Hex	285BC1
RGB	40, 91, 193
RGB Percent	16%, 36%, 76%
CMY	0.8431, 0.6431, 0.2431
CMYK	0.79, 0.53, 0.00, 0.24
HSL	220°, 66%, 46%
HSV	220°, 79%, 76%
XYZ	14.2418, 11.7835, 51.9759
YIQ	87.3790, -63.1380, 20.9100

Conversions

Conversions Part 2

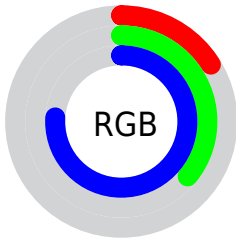
Format	Color
R _Y B	40, 78, 193
Decimal	2644929
CIE Lab	40.87, 20.44, -58.25
CIE LCh	41, 61.737, 289.335
Yxy	11.7835, 0.1826, 0.1511
Android (android.graphics.Color)	4280835009 (0xFF285BC1)
YUV	87.3790, 52.0712, -41.5514
Hunter-Lab	34.3272, 13.9843, -65.7439

Details

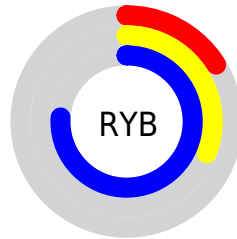
The Hex color **285BC1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C18E28**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6D8DFA**, and **002F8A** is the 20% darker color. If you saturate the color by 10%, you get **154EC1**, and if you desaturate by 10%, it is **3B68C1**.

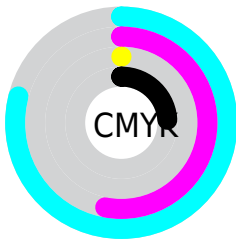
Distribution



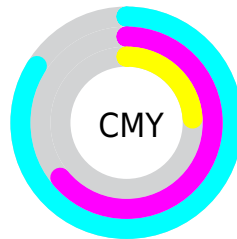
- Red (16%)
- Green (36%)
- Blue (76%)



- Red (16%)
- Yellow (31%)
- Blue (76%)



- Cyan (79%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (84%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285BC1 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 285BC1 by changing the saturation by 10% instead.

■ 285BC1

■ 285BC1

FFFFFF

■ 0044A5

■ 6D8DFA

■ 002F8A

■ 8CA7FF

■ 001B70

■ A9C2FF

■ 000057

■ C7DEFF

■ 00063F

■ E6FAFF

■ 000328

■ 000112

■ 000000

■ 285BC1

■ 285BC1

■ 154EC1

■ 3B68C1

■ 0141C1

■ 4F75C1

■ 0040C1

■ 6282C1

■ 758EC1

■ 899BC1

■ 9CA8C1

■ AFB5C1

■ C2C2C1

■ D6CFC1

Harmonies

Analogous

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



006CC5



285BC1



8A41A3

Triad

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



285BC1



A64010



00754C

Complementary

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



285BC1



C18E28

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.



007114



285BC1



845800

Square

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



285BC1



B72442



566800



007681

Rectangle

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



285BC1



A72D85



566800



00743A

Sweetspot

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



285BC1



BED2FA



28C18E



59657D



FCFCFC



7D7D7D

Same Dimension

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



285BC1



0C5CFA



4128C1



575A61



0036A1



000B21

Inverse Universe

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



C1285B



FA0C5C



A8C128



61575A



A10036



21000B

Previews

White Background



This preview shows how the Hex color 285BC1 looks on a white background.

Color Contrast Check

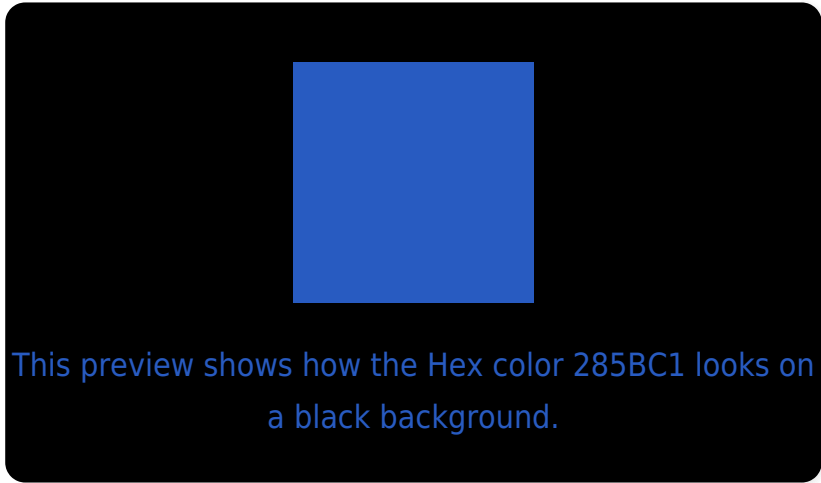
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

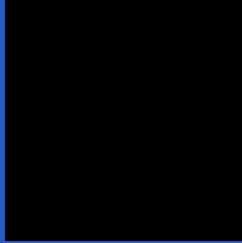
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 285BC1 Background



This preview shows how black text looks on a background with the Hex color 285BC1.

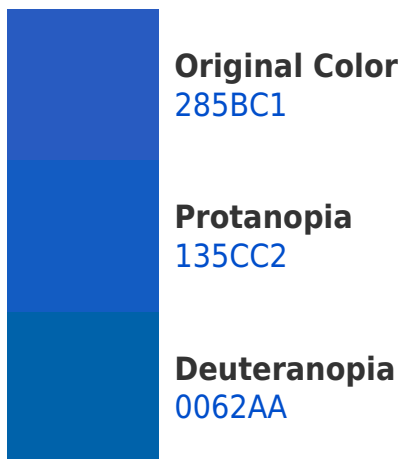


This preview shows how white text looks on a background with the Hex color 285BC1.

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](#).

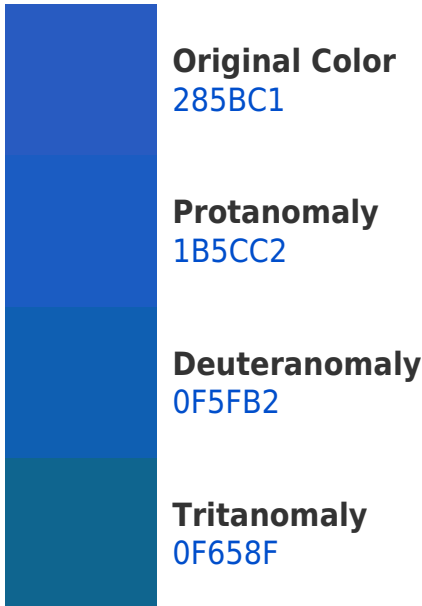
Dichromacy





Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 285BC1 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 #285BC1 looks like.

```
.text, #text, p{  
    color:#285BC1  
}
```

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 #285BC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285BC1
}
```

Border

The CSS property to change the border of an element to Hex 285BC1 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
#285BC1 }
```

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

```
.border{ border-color:#285BC1 }
```

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

Here you see how a box with a 4 pixel #285BC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285BC1; -webkit-box-shadow:4px 4px  
4px 4px #285BC1; box-shadow:4px 4px 4px  
4px #285BC1 }
```

Background

The CSS property to change the background color of an element to Hex 285BC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285BC1 }
```

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

```
.background{ background-color:#285BC1 }
```

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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