

Converting Colors

Hex(285CB5)

Have a look what the booklet for
Hex(285CB5) contains.

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Color

Hex(285CB5)

Conversions

Conversions Part 1

Format	Color
Hex	285CB5
RGB	40, 92, 181
RGB Percent	16%, 36%, 71%
CMY	0.8431, 0.6392, 0.2902
CMYK	0.78, 0.49, 0.00, 0.29
HSL	218°, 64%, 43%
HSV	218°, 78%, 71%
XYZ	13.0427, 11.4416, 45.2371
YIQ	86.5980, -59.5610, 16.6550

Conversions

Conversions Part 2

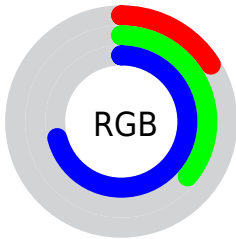
Format	Color
R_{YB}	40, 78, 181
Decimal	2645173
CIE _{Lab}	40.31, 15.16, -52.14
CIE _{LCh}	40, 54.302, 286.214
Yxy	11.4416, 0.1871, 0.1641
Android (android.graphics.Color)	4280835253 (0xFF285CB5)
YUV	86.5980, 46.5402, -40.8664
Hunter-Lab	33.8254, 9.6331, -55.6148

Details

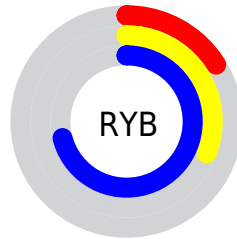
The Hex color **285CB5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B58128**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6A8EEE**, and **002F7F** is the 20% darker color. If you saturate the color by 10%, you get **1651B5**, and if you desaturate by 10%, it is **3A67B5**.

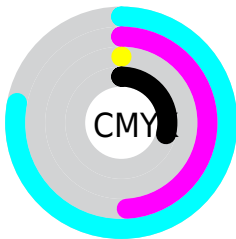
Distribution



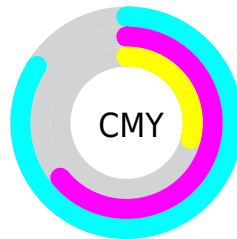
- Red (16%)
- Green (36%)
- Blue (71%)



- Red (16%)
- Yellow (31%)
- Blue (71%)



- Cyan (78%)
- Magenta (49%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (64%)
- Yellow (29%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285CB5 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 285CB5 by changing the saturation by 10% instead.

■ 285CB5

■ 285CB5

FFFFFF

■ 00459A

■ 6A8EEE

■ 002F7F

■ 88A8FF

■ 001C66

■ A5C3FF

■ 00004D

■ C3DFFF

■ 000535

■ E1FBFF

■ 00021F

■ 000002

■ 000000

■ 285CB5

■ 285CB5

■ 1651B5

■ 3A67B5

■ 0445B5

■ 4C73B5

■ 0043B5

■ 5E7EB5

■ 708AB5

■ 8395B5

■ 95A1B5

■ A7ACB5

■ B9B7B5

■ CBC3B5

Harmonies

Analogous

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



006AB6



285CB5



7F479D

Triad

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



285CB5



A0411F



007248

Complementary

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



285CB5



B58128

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.



246D1A



285CB5



845600

Square

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



285CB5



AD2F49



5D6400



007377

Rectangle

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



285CB5



9B3884



5D6400



007139

Sweetspot

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



285CB5



B5C9EB



28B57F



546175



F5F5F5



757575

Same Dimension

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



285CB5



1061EB



3828B5



505459



003899



00091A

Inverse Universe

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



B5285C



EB1061



A5B528



595054



990038



1A0009

Previews

White Background



This preview shows how the Hex color 285CB5 looks on a white background.

Color Contrast Check

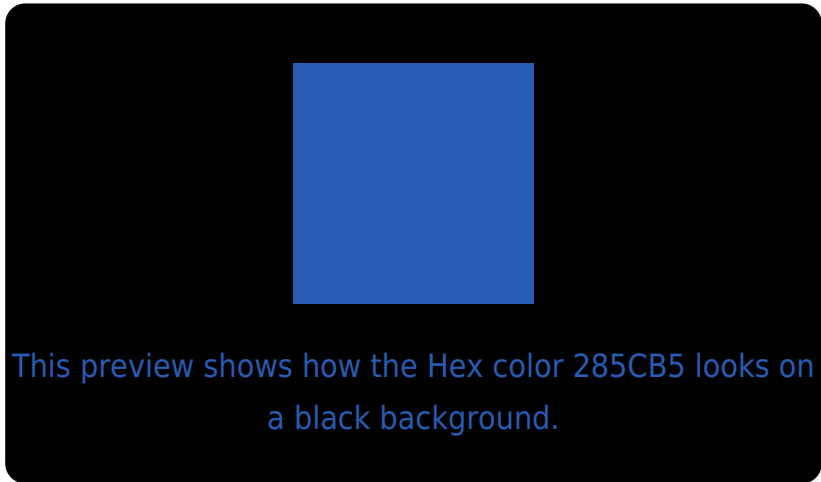
Large Text (above 18pt) WCAG AA ✓ Pass

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

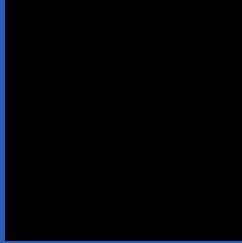
Any Text WCAG AA × Fail

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 285CB5 Background



This preview shows how black text looks on a background with the Hex color 285CB5.



This preview shows how white text looks on a background with the Hex color 285CB5.

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



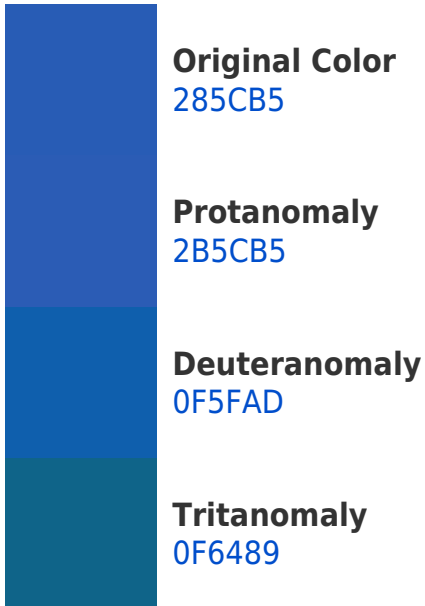
Original Color
285CB5

Protanopia
2C5CB5

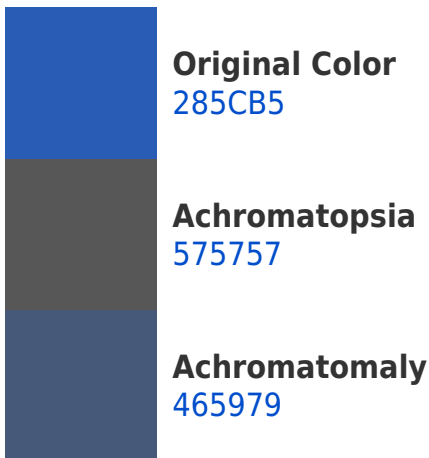
Deuteranopia
0061A9



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 285CB5 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 #285CB5 looks like.

```
.text, #text, p{  
    color:#285CB5  
}
```

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 #285CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285CB5
}
```

Border

The CSS property to change the border of an element to Hex 285CB5 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
#285CB5 }
```

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

```
.border{ border-color:#285CB5 }
```

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

Here you see how a box with a 4 pixel #285CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285CB5; -webkit-box-shadow:4px 4px  
4px 4px #285CB5; box-shadow:4px 4px 4px  
4px #285CB5 }
```

Background

The CSS property to change the background color of an element to Hex 285CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285CB5 }
```

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

```
.background{ background-color:#285CB5 }
```

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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