

Converting Colors

Hex(285BB0)

Have a look what the booklet for
Hex(285BB0) contains.

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Color

Hex(285BB0)

Conversions

Conversions Part 1

Format	Color
Hex	285BB0
RGB	40, 91, 176
RGB Percent	16%, 36%, 69%
CMY	0.8431, 0.6431, 0.3098
CMYK	0.77, 0.48, 0.00, 0.31
HSL	218°, 63%, 42%
HSV	218°, 77%, 69%
XYZ	12.4526, 11.0679, 42.5543
YIQ	85.4410, -57.6810, 15.6230

Conversions

Conversions Part 2

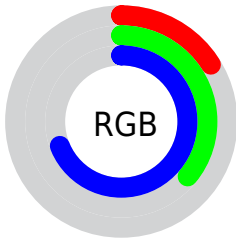
Format	Color
R _Y B	40, 77, 176
Decimal	2644912
CIE Lab	39.69, 13.88, -50.20
CIE LCh	40, 52.086, 285.461
Yxy	11.0679, 0.1885, 0.1675
Android (android.graphics.Color)	4280834992 (0xFF285BB0)
YUV	85.4410, 44.6456, -39.8518
Hunter-Lab	33.2684, 8.5942, -52.5511

Details

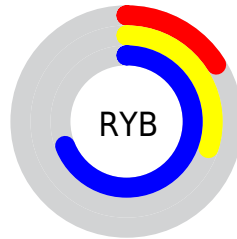
The Hex color **285BB0** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B07D28**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **698DE8**, and **002E7B** is the 20% darker color. If you saturate the color by 10%, you get **1650B0**, and if you desaturate by 10%, it is **3A66B0**.

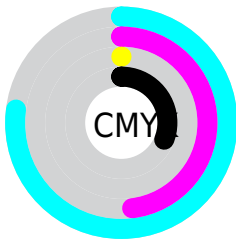
Distribution



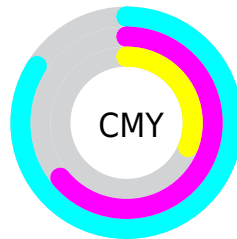
- Red (16%)
- Green (36%)
- Blue (69%)



- Red (16%)
- Yellow (30%)
- Blue (69%)



- Cyan (77%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)



- Cyan (84%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285BB0 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 285BB0 by changing the saturation by 10% instead.

 285BB0

 285BB0

FFFFFF

 004495

 698DE8

 002E7B

 87A7FF

 001B61

 A4C2FF

 000049

 C1DEFF

 000431

 DFFAFF

 00011B

FDFFFF

 000000

 285BB0

 285BB0

 1650B0

 3A66B0

■ 0545B0

■ 4B71B0

■ 0042B0

■ 5D7CB0

■ 6E87B0

■ 8092B0

■ 929DB0

■ A3A8B0

■ B5B3B0

■ C6BEB0

Harmonies

Analogous

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



0068B0



285BB0



7B479A

Triad

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



285BB0



9D4122



007047

Complementary

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



285BB0



B07D28

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.



286B1B



285BB0



825400

Square

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



285BB0



A93149



5D6200



007173

Rectangle

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



285BB0



963A82



5D6200



006E38

Sweetspot

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



285BB0



B1C5E6



28B07C



535F73



F2F2F2



737373

Same Dimension

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



285BB0



1060E6



3828B0



505459



003999



000A1A

Inverse Universe

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



B0285B



E61060



A0B028



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color 285BB0 looks on a white background.

Color Contrast Check

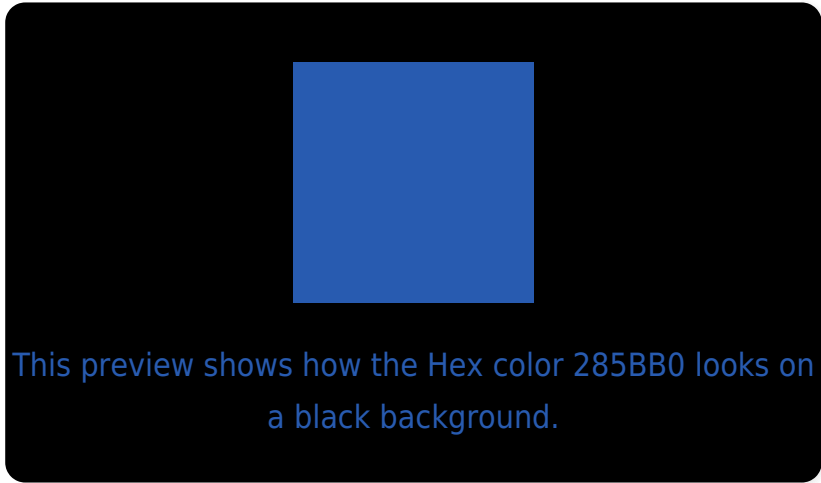
Large Text (above 18pt) WCAG AA ✓ Pass

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

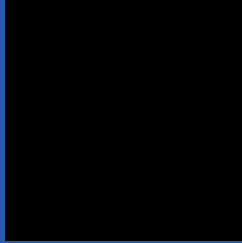
Any Text WCAG AA × Fail

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 285BB0 Background



This preview shows how black text looks on a background with the Hex color 285BB0.

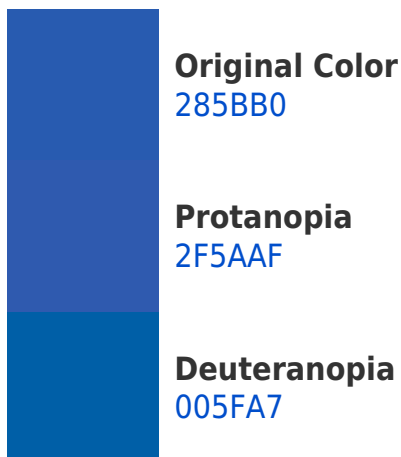


This preview shows how white text looks on a background with the Hex color 285BB0.

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



Trichromacy



Original Color
285BB0

Protanomaly
2C5AAF

Deuteranomaly
0F5EAA

Monochromacy



Original Color
285BB0

Achromatopsia
555555

Achromatomaly
455776

CSS Examples

Text

The CSS property to change the color of the text to Hex 285BB0 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 #285BB0 looks like.

```
.text, #text, p{  
    color:#285BB0  
}
```

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 #285BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285BB0
}
```

Border

The CSS property to change the border of an element to Hex 285BB0 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
#285BB0 }
```

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

```
.border{ border-color:#285BB0 }
```

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

Here you see how a box with a 4 pixel #285BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285BB0; -webkit-box-shadow:4px 4px  
4px 4px #285BB0; box-shadow:4px 4px 4px  
4px #285BB0 }
```

Background

The CSS property to change the background color of an element to Hex 285BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285BB0 }
```

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

```
.background{ background-color:#285BB0 }
```

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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