

Converting Colors

Hex(283DBD)

Have a look what the booklet for
Hex(283DBD) contains.

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Color

Hex(283DBD)

Conversions

Conversions Part 1

Format	Color
Hex	283DBD
RGB	40, 61, 189
RGB Percent	16%, 24%, 74%
CMY	0.8431, 0.7608, 0.2588
CMYK	0.79, 0.68, 0.00, 0.26
HSL	232°, 65%, 45%
HSV	232°, 79%, 74%
XYZ	11.7291, 7.4627, 48.9664
YIQ	69.3130, -53.6040, 35.3560

Conversions

Conversions Part 2

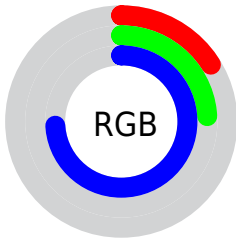
Format	Color
R_{YB}	40, 58, 189
Decimal	2637245
CIE _{Lab}	32.84, 38.42, -69.03
CIE _{LCh}	33, 79.000, 299.102
Yxy	7.4627, 0.1721, 0.1095
Android (android.graphics.Color)	4280827325 (0xFF283DBD)
YUV	69.3130, 59.0057, -25.7075
Hunter-Lab	27.3180, 28.8334, -87.1523




Details

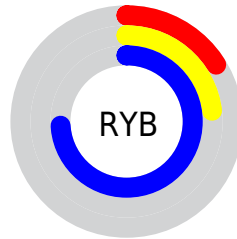
The Hex color **283DBD** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **BDA828**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **6E6DF6**, and **001386** is the 20% darker color. If you saturate the color by 10%, you get **152DBD**, and if you desaturate by 10%, it is **3B4DBD**.

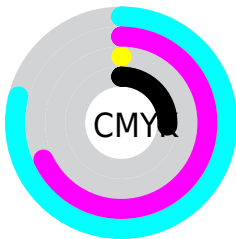
Distribution







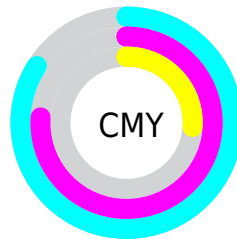
-  Red (16%)
-  Green (24%)
-  Blue (74%)






-  Red (16%)
-  Yellow (23%)
-  Blue (74%)



-  Cyan (79%)
-  Magenta (68%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (84%)
-  Magenta (76%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283DBD 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 283DBD by changing the saturation by 10% instead.

■ 283DBD

■ 283DBD

FFFFFF

■ 0027A1

■ 6E6DF6

■ 001386

■ 8D86FF

■ 00006C

■ ABA0FF

■ 000553

■ C9BBFF

■ 00063B

■ E8D7FF

■ 000224

■ FFF4FF

■ 00000C

■ 000000

■ 283DBD

■ 283DBD

■ 152DBD

■ 3B4DBD

■ 021DBD

■ 4E5DBD

■ 001BBD

■ 616EBD

■ 747EBD

■ 878EBD

■ 999EBD

■ ACAFBD

■ BFBFBD

■ D2CFBD

Harmonies

Analogous

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



0058CE



283DBD



91008F

Triad

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



283DBD



8F2A00



00644A

Complementary

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



283DBD



BDA828

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.



006100



283DBD



614B00

Square

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



283DBD



AD0016



1B5A00



006589

Rectangle

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



283DBD



AB0067



1B5A00



006333

Sweetspot

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



283DBD



BAC2F5



28BDA7



575C7A



FAFAFA



7A7A7A

Same Dimension

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



283DBD



0C2DF5



5C28BD



55565E



00169E



00041F

Inverse Universe

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



BD283D



F50C2D



89BD28



5E5556



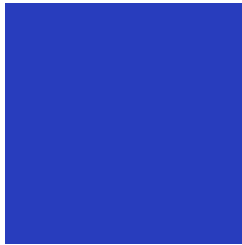
9E0016



1F0004

Previews

White Background



This preview shows how the Hex color 283DBD looks on a white background.

Color Contrast Check

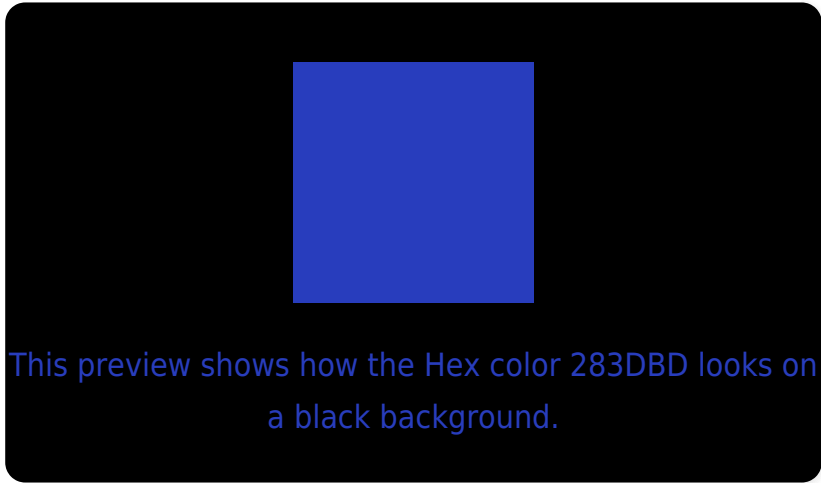
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

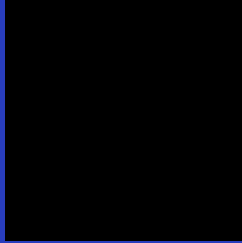
Any Text WCAG AA × Fail

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 283DBD Background



This preview shows how black text looks on a background with the Hex color 283DBD.

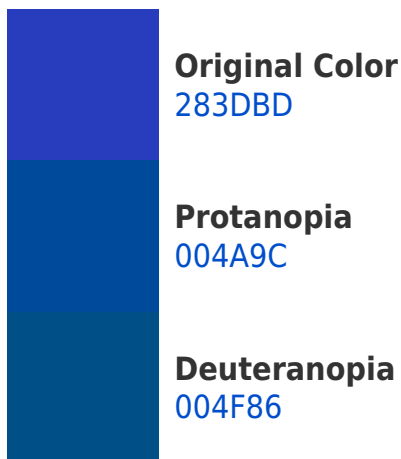


This preview shows how white text looks on a background with the Hex color 283DBD.

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
00555B

Trichromacy



Original Color
283DBD

Protanomaly
0F45A8

Deuteranomaly
0F489A

Tritanomaly
0F4C7F

Monochromacy



Original Color
283DBD

Achromatopsia
454545

Achromatomaly
3A4271

CSS Examples

Text

The CSS property to change the color of the text to Hex 283DBD 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 #283DBD looks like.

```
.text, #text, p{  
    color:#283DBD  
}
```

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 #283DBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283DBD
}
```

Border

The CSS property to change the border of an element to Hex 283DBD 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
#283DBD }
```

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

```
.border{ border-color:#283DBD }
```

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

Here you see how a box with a 4 pixel #283DBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283DBD; -webkit-box-shadow:4px 4px  
4px 4px #283DBD; box-shadow:4px 4px 4px  
4px #283DBD }
```

Background

The CSS property to change the background color of an element to Hex 283DBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283DBD }
```

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

```
.background{ background-color:#283DBD }
```

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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