

Converting Colors

Hex(2C4DBB)

Have a look what the booklet for
Hex(2C4DBB) contains.

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Color

Hex(2C4DBB)

Conversions

Conversions Part 1

Format	Color
Hex	2C4DBB
RGB	44, 77, 187
RGB Percent	17%, 30%, 73%
CMY	0.8275, 0.6980, 0.2667
CMYK	0.76, 0.59, 0.00, 0.27
HSL	226°, 62%, 45%
HSV	226°, 76%, 73%
XYZ	12.6622, 9.4311, 48.1667
YIQ	79.6730, -54.9780, 27.2140

Conversions

Conversions Part 2

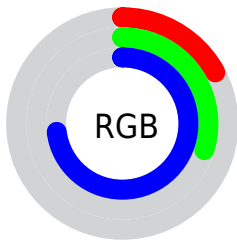
Format	Color
R_{YB}	44, 71, 187
Decimal	2903483
CIE _{Lab}	36.80, 27.77, -61.35
CIE _{LCh}	37, 67.347, 294.354
Yxy	9.4311, 0.1802, 0.1342
Android (android.graphics.Color)	4281093563 (0xFF2C4DBB)
YUV	79.6730, 52.9122, -31.2852
Hunter-Lab	30.7101, 19.8556, -71.4954

Details

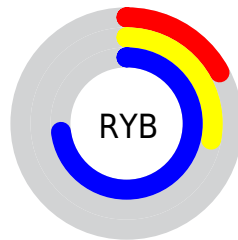
The Hex color **2C4DBB** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BB9A2C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F7EF4**, and **002285** is the 20% darker color. If you saturate the color by 10%, you get **193FBB**, and if you desaturate by 10%, it is **3F5BBB**.

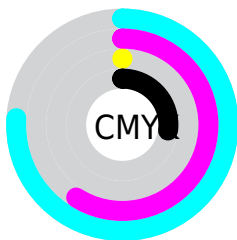
Distribution



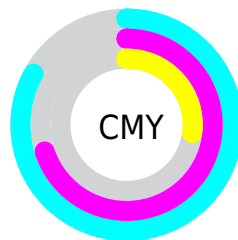
- Red (17%)
- Green (30%)
- Blue (73%)



- Red (17%)
- Yellow (28%)
- Blue (73%)



- Cyan (76%)
- Magenta (59%)
- Yellow (0%)
- Black (27%)



- Cyan (83%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4DBB 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 2C4DBB by changing the saturation by 10% instead.

■ 2C4DBB

■ 2C4DBB

FFFFFF

■ 00379F

■ 6F7EF4

■ 002285

■ 8D97FF

■ 00106B

■ ABB2FF

■ 000052

■ C9CDFF

■ 00053A

■ E7EAFF

■ 000223

■ 00000A

■ 000000

■ 2C4DBB

■ 2C4DBB

■ 193FBB

■ 3F5BBB

■ 0730BB

■ 516ABB

■ 002BBB

■ 6478BB

■ 7787BB

■ 8995BB

■ 9CA3BB

■ AFB2BB

■ C2C0BB

■ D4CEBB

Harmonies

Analogous

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



0061C4



2C4DBB



8B2A97

Triad

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



2C4DBB



993600



006C4A

Complementary

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



2C4DBB



BB9A2C

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.



00680A



2C4DBB



735100

Square

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



2C4DBB



B0022E



406000



006D82

Rectangle

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



2C4DBB



A60075



406000



006B37

Sweetspot

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



2C4DBB



BBC7F2



2CBB9A



58607A



FAFAFA



7A7A7A

Same Dimension

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



2C4DBB



1347F2



522CBB



55575E



00249E



00071F

Inverse Universe

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



BB2C4D



F21347



95BB2C



5E5557



9E0024



1F0007

Previews

White Background



This preview shows how the Hex color 2C4DBB looks on a white background.

Color Contrast Check

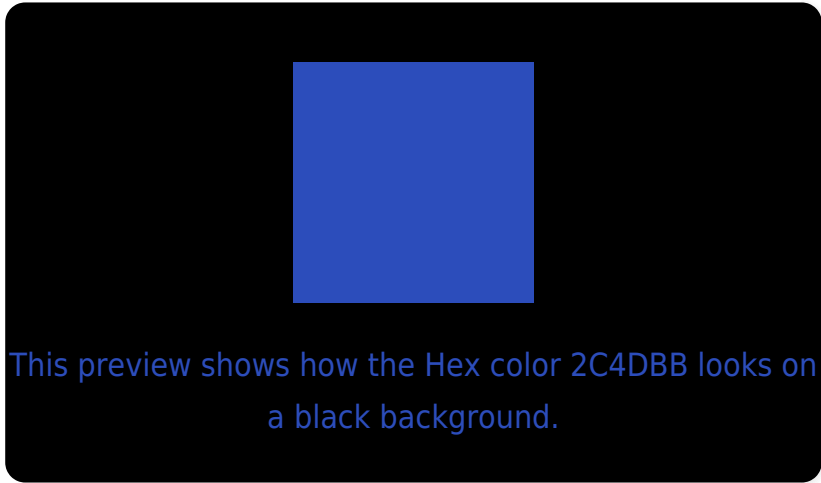
Large Text (above 18pt) WCAG AA ✓ Pass

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

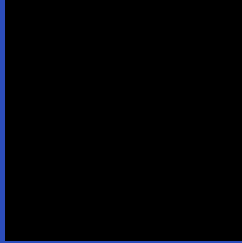
Any Text WCAG AA × Fail

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 2C4DBB Background



This preview shows how black text looks on a background with the Hex color 2C4DBB.



This preview shows how white text looks on a background with the Hex color 2C4DBB.

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
006066

Trichromacy



Original Color
2C4DBB

Protanomaly
1051B4

Deuteranomaly
1054A4

Tritanomaly
105985

Monochromacy



Original Color
2C4DBB

Achromatopsia
505050

Achromatomaly
434F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4DBB 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 #2C4DBB looks like.

```
.text, #text, p{  
    color:#2C4DBB  
}
```

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 #2C4DBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4DBB
}
```

Border

The CSS property to change the border of an element to Hex 2C4DBB 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
#2C4DBB }
```

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

```
.border{ border-color:#2C4DBB }
```

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

Here you see how a box with a 4 pixel #2C4DBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4DBB; -webkit-box-shadow:4px 4px  
4px 4px #2C4DBB; box-shadow:4px 4px 4px  
4px #2C4DBB }
```

Background

The CSS property to change the background color of an element to Hex 2C4DBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4DBB }
```

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

```
.background{ background-color:#2C4DBB }
```

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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