

Converting Colors

Hex(2B77D6)

Have a look what the booklet for
Hex(2B77D6) contains.

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Color

Hex(2B77D6)

Conversions

Conversions Part 1

Format	Color
Hex	2B77D6
RGB	43, 119, 214
RGB Percent	17%, 47%, 84%
CMY	0.8314, 0.5333, 0.1608
CMYK	0.80, 0.44, 0.00, 0.16
HSL	213°, 68%, 50%
HSV	213°, 80%, 84%
XYZ	19.7307, 18.5623, 66.1613
YIQ	107.1060, -75.7910, 13.4330

Conversions

Conversions Part 2

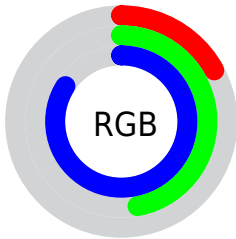
Format	Color
R_{YB}	43, 96, 214
Decimal	2848726
CIE _{Lab}	50.17, 10.83, -55.31
CIE _{LCh}	50, 56.362, 281.082
Yxy	18.5623, 0.1889, 0.1777
Android (android.graphics.Color)	4281038806 (0xFF2B77D6)
YUV	107.1060, 52.6987, -56.2210
Hunter-Lab	43.0840, 6.3487, -60.8891

Details

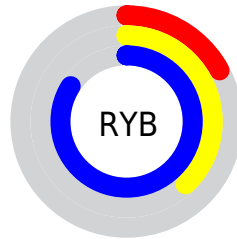
The Hex color **2B77D6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D68A2B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **73ABFF**, and **00489F** is the 20% darker color. If you saturate the color by 10%, you get **166BD6**, and if you desaturate by 10%, it is **4083D6**.

Distribution



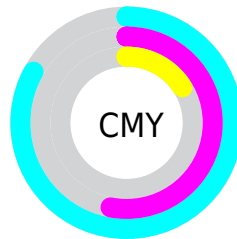
- Red (17%)
- Green (47%)
- Blue (84%)



- Red (17%)
- Yellow (38%)
- Blue (84%)



- Cyan (80%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)



- Cyan (83%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B77D6 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 2B77D6 by changing the saturation by 10% instead.

■ 2B77D6

■ 2B77D6

FFFFFF

■ 005FBA

■ 73ABFF

■ 00489F

■ 92C6FF

■ 003284

■ B0E2FF

■ 001E6A

■ CFEEFF

■ 000351

■ EDFFFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 2B77D6

■ 2B77D6

■ 166BD6

■ 4083D6

■ 005FD6

■ 568FD6

■ 6B9BD6

■ 81A7D6

■ 96B2D6

■ ABBED6

■ C1CAD6

■ D6D6D6

■ ECE2D6

Harmonies

Analogous

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



0085D2



2B77D6



9062C0

Triad

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



2B77D6



C4553A



008C56

Complementary

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



2B77D6



D68A2B

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.



498628



2B77D6



A76A12

Square

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



2B77D6



CD4768



7E7B00



008E88

Rectangle

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



2B77D6



B254A7



7E7B00



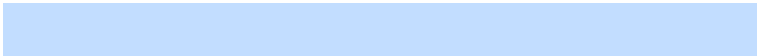
008A46

Sweetspot

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



2B77D6



C2DDFF



2BD689



5B6B80



000000



808080

Same Dimension

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



2B77D6



0A77FF



342BD6



60656B



004CAB



00132B

Inverse Universe

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



D62B77



FF0A77



CDD62B



6B6065



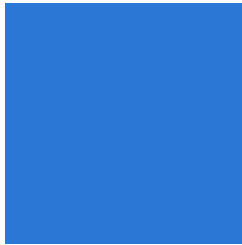
AB004C



2B0013

Previews

White Background



This preview shows how the Hex color 2B77D6 looks on a white background.

Color Contrast Check

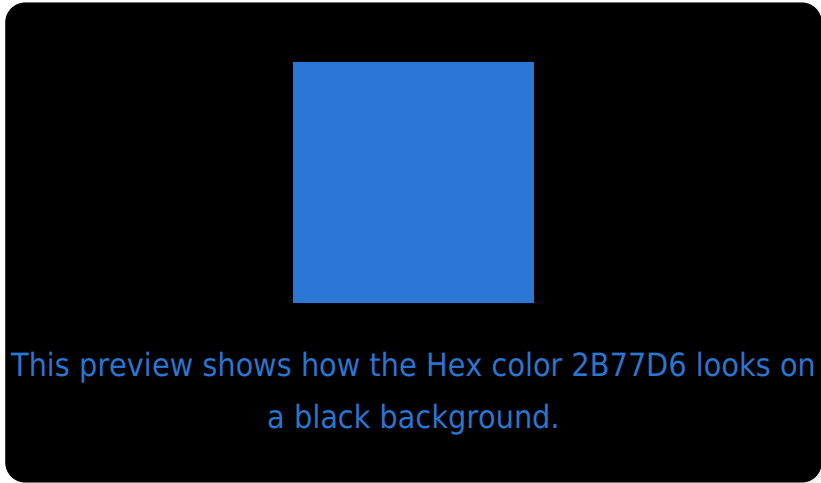
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

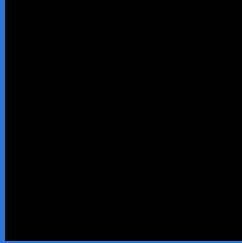
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

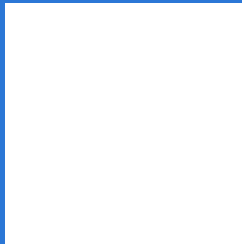
Any Text WCAG AAA × Fail

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

Hex 2B77D6 Background



This preview shows how black text looks on a background with the Hex color 2B77D6.

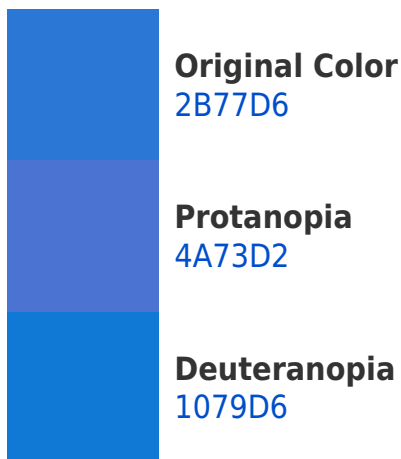


This preview shows how white text looks on a background with the Hex color 2B77D6.

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](#).

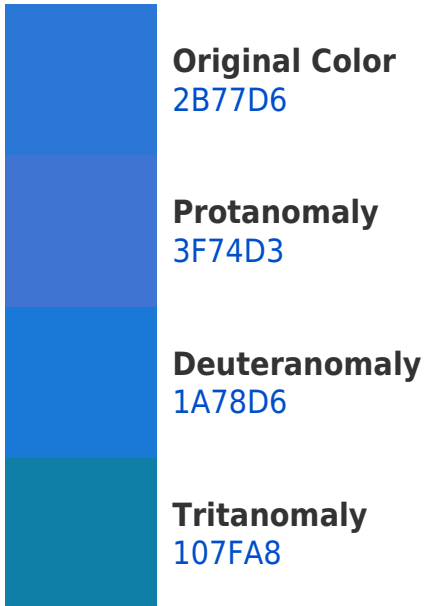
Dichromacy



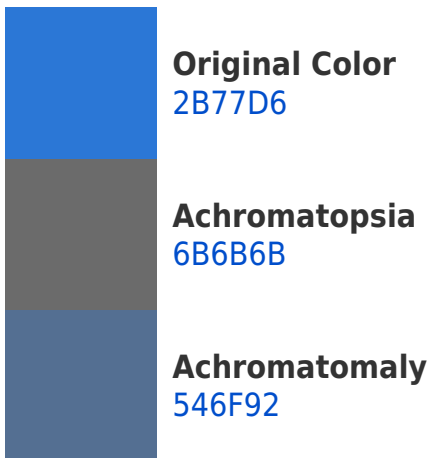


Tritanopia
00848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B77D6 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 #2B77D6 looks like.

```
.text, #text, p{  
    color:#2B77D6  
}
```

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 #2B77D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B77D6
}
```

Border

The CSS property to change the border of an element to Hex 2B77D6 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
#2B77D6 }
```

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

```
.border{ border-color:#2B77D6 }
```

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

Here you see how a box with a 4 pixel #2B77D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B77D6; -webkit-box-shadow:4px 4px  
4px 4px #2B77D6; box-shadow:4px 4px 4px  
4px #2B77D6 }
```

Background

The CSS property to change the background color of an element to Hex 2B77D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B77D6 }
```

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

```
.background{ background-color:#2B77D6 }
```

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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