

Converting Colors

Hex(426DB1)

Have a look what the booklet for
Hex(426DB1) contains.

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Color

Hex(426DB1)

Conversions

Conversions Part 1

Format	Color
Hex	426DB1
RGB	66, 109, 177
RGB Percent	26%, 43%, 69%
CMY	0.7412, 0.5725, 0.3059
CMYK	0.63, 0.38, 0.00, 0.31
HSL	217°, 46%, 48%
HSV	217°, 63%, 69%
XYZ	15.6512, 15.2699, 43.7174
YIQ	103.8950, -47.4560, 12.0320

Conversions

Conversions Part 2

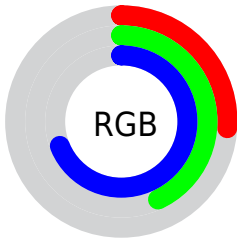
Format	Color
R_{YB}	66, 97, 177
Decimal	4353457
CIE _{Lab}	46.00, 6.81, -40.65
CIE _{LCh}	46, 41.213, 279.508
Yxy	15.2699, 0.2097, 0.2046
Android (android.graphics.Color)	4282543537 (0xFF426DB1)
YUV	103.8950, 36.0408, -33.2339
Hunter-Lab	39.0767, 3.1097, -38.9777

Details

The Hex color **426DB1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B18642**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7CA0E9**, and **003E7C** is the 20% darker color. If you saturate the color by 10%, you get **3062B1**, and if you desaturate by 10%, it is **5478B1**.

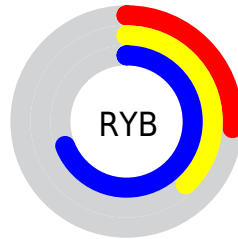
Distribution



Red (26%)

Green (43%)

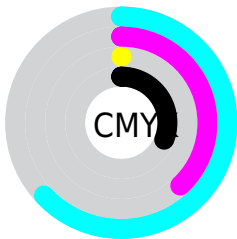
Blue (69%)



Red (26%)

Yellow (38%)

Blue (69%)

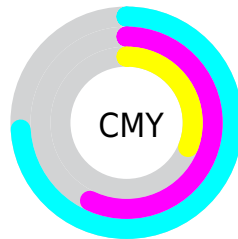


Cyan (63%)

Magenta (38%)

Yellow (0%)

Black (31%)



Cyan (74%)

Magenta (57%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426DB1 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 426DB1 by changing the saturation by 10% instead.

■ 426DB1

■ 426DB1

FFFFFF

■ 215596

■ 7CA0E9

■ 003E7C

■ 98BBFF

■ 002963

■ B4D7FF

■ 00154A

■ D1F3FF

■ 000433

■ EFFFFFF

■ 00021D

■ 000000

■ 426DB1

■ 426DB1

■ 3062B1

■ 5478B1

■ 1F57B1

■ 6583B1

■ 0D4CB1

■ 778EB1

■ 0045B1

■ 8998B1

■ 9BA3B1

■ ACAEB1

■ BEB9B1

■ D0C4B1

■ E1CFB1

Harmonies

Analogous

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



0077AD



426DB1



7E5FA2

Triad

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



426DB1



A75643



127C54

Complementary

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



426DB1



B18642

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.



517735



426DB1



94632B

Square

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



426DB1



AD4E63



766F25



007E77

Rectangle

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



426DB1



975690



766F25



2F7B48

Sweetspot

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



426DB1



BACBE6



42B185



586373



F2F2F2



737373

Same Dimension

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



426DB1



397CE6



4D42B1



505459



003B99



000A1A

Inverse Universe

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



B1426D



E6397C



A6B142



595054



99003B



1A000A

Previews

White Background



This preview shows how the Hex color 426DB1 looks on a white background.

Color Contrast Check

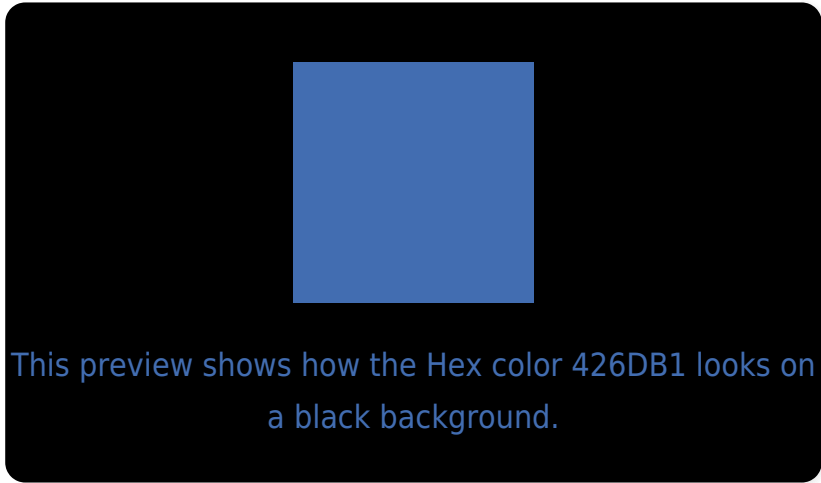
Large Text (above 18pt) WCAG AA ✓ Pass

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 426DB1 Background



This preview shows how black text looks on a background with the Hex color 426DB1.

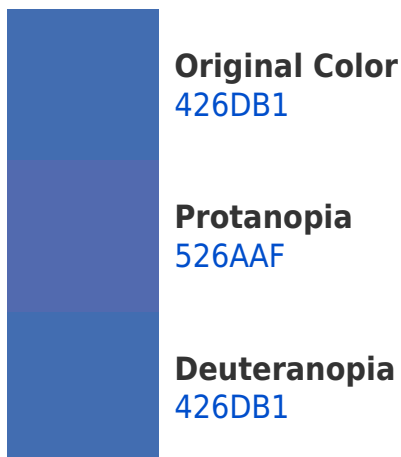



This preview shows how white text looks on a background with the Hex color 426DB1.

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](#).

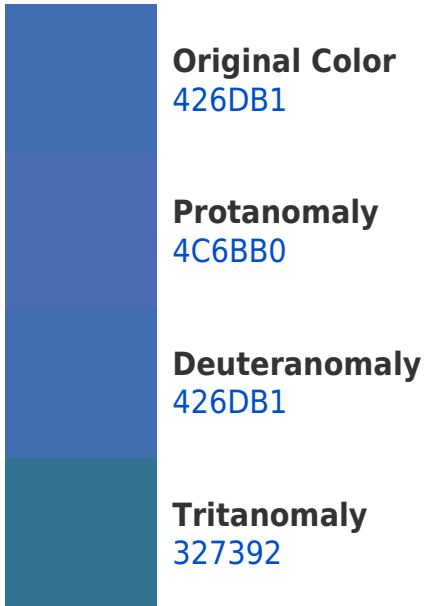
Dichromacy



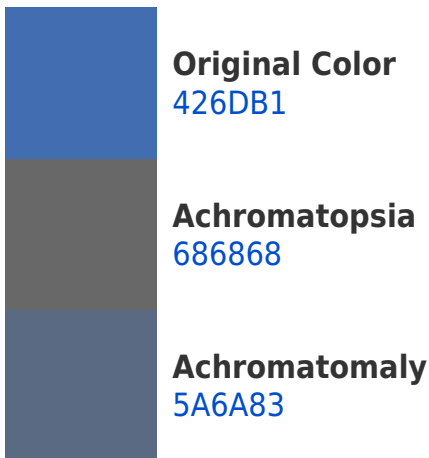


Tritanopia
297781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 426DB1 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 #426DB1 looks like.

```
.text, #text, p{  
    color:#426DB1  
}
```

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 #426DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426DB1
}
```

Border

The CSS property to change the border of an element to Hex 426DB1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

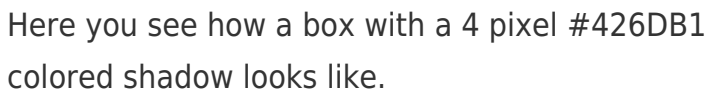
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#426DB1 }
```

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

```
.border{ border-color:#426DB1 }
```

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



Here you see how a box with a 4 pixel #426DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426DB1; -webkit-box-shadow:4px 4px  
4px 4px #426DB1; box-shadow:4px 4px 4px  
4px #426DB1 }
```

Background

The CSS property to change the background color of an element to Hex 426DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426DB1 }
```

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

```
.background{ background-color:#426DB1 }
```

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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