

Converting Colors

Hex(426ABB)

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

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Color

Hex(426ABB)

Conversions

Conversions Part 1

Format	Color
Hex	426ABB
RGB	66, 106, 187
RGB Percent	26%, 42%, 73%
CMY	0.7412, 0.5843, 0.2667
CMYK	0.65, 0.43, 0.00, 0.27
HSL	220°, 48%, 50%
HSV	220°, 65%, 73%
XYZ	16.3704, 15.0542, 49.0566
YIQ	103.2740, -49.8410, 16.7110

Conversions

Conversions Part 2

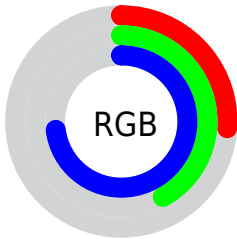
Format	Color
R_{YB}	66, 96, 187
Decimal	4352699
CIE _{Lab}	45.71, 12.21, -46.93
CIE _{LCh}	46, 48.492, 284.581
Yxy	15.0542, 0.2034, 0.1871
Android (android.graphics.Color)	4282542779 (0xFF426ABB)
YUV	103.2740, 41.2769, -32.6893
Hunter-Lab	38.7997, 7.4135, -47.8039

Details

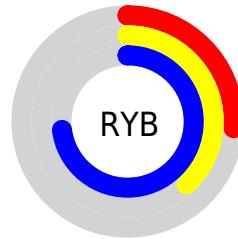
The Hex color **426ABB** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BB9342**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7D9DF4**, and **003C85** is the 20% darker color. If you saturate the color by 10%, you get **2F5DBB**, and if you desaturate by 10%, it is **5577BB**.

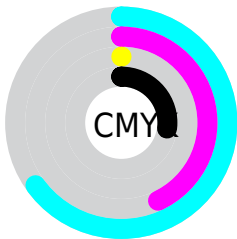
Distribution



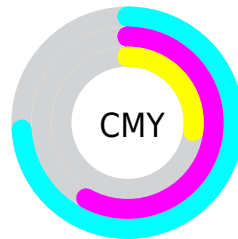
- Red (26%)
- Green (42%)
- Blue (73%)



- Red (26%)
- Yellow (38%)
- Blue (73%)



- Cyan (65%)
- Magenta (43%)
- Yellow (0%)
- Black (27%)



- Cyan (74%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 426ABB

■ 426ABB

FFFFFF

■ 1E52A0

■ 7D9DF4

■ 003C85

■ 9AB8FF

■ 00276B

■ B7D3FF

■ 001353

■ D4EFFF

■ 00063B

■ F2FFFF

■ 000224

■ 00000C

■ 000000

■ 426ABB

■ 426ABB

■ 2F5DBB

■ 5577BB

■ 1D51BB

■ 6783BB

■ 0A44BB

■ 7A90BB

■ 003EBB

■ 8D9CBB

■ A0A9BB

■ B2B5BB

■ C5C2BB

■ D8CEBB

■ EADBBB

Harmonies

Analogous

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



0077BA



426ABB



8759A6

Triad

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



426ABB



AC5235



007E55

Complementary

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



426ABB



BB9342

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.



40792F



426ABB



926318

Square

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



426ABB



B6465A



6E7013



00807F

Rectangle

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



426ABB



A24D90



6E7013



007D48

Sweetspot

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



426ABB



C4D3F2



42BB93



5E687A



FAFAFA



7A7A7A

Same Dimension

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



426ABB



3574F2



5642BB



55585E



00349E



000A1F

Inverse Universe

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



BB426A



F23574



A7BB42



5E5558



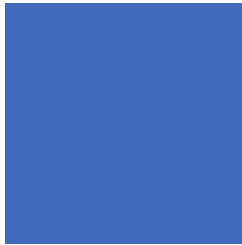
9E0034



1F000A

Previews

White Background



This preview shows how the Hex color 426ABB 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



This preview shows how the Hex color 426ABB looks on a 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 426ABB Background



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



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

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



Original Color
426ABB

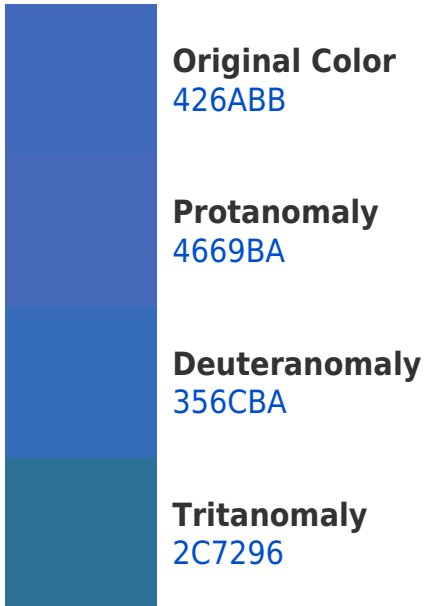
Protanopia
4869BA

Deuteranopia
2E6DBA

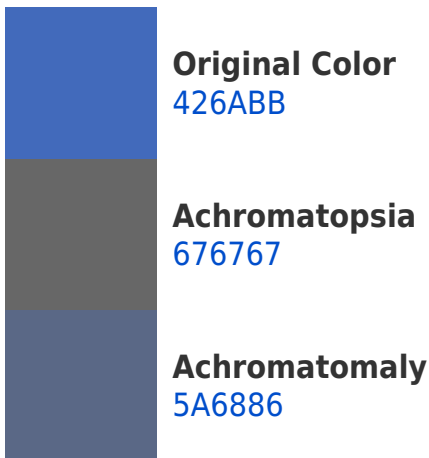


Tritanopia
1F7781

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #426ABB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 426ABB 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
#426ABB }
```

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

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

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

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

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

Background

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

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

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

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

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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