

Converting Colors

Hex(426BF0)

Have a look what the booklet for
Hex(426BF0) contains.

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Color

Hex(426BF0)

Conversions

Conversions Part 1

Format	Color
Hex	426BF0
RGB	66, 107, 240
RGB Percent	26%, 42%, 94%
CMY	0.7412, 0.5804, 0.0588
CMYK	0.72, 0.55, 0.00, 0.06
HSL	226°, 85%, 60%
HSV	226°, 72%, 94%
XYZ	23.2326, 17.9649, 84.6812
YIQ	109.9030, -67.1290, 32.6710

Conversions

Conversions Part 2

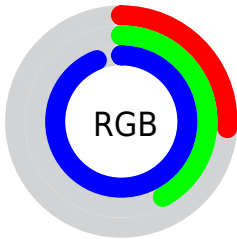
Format	Color
R _Y B	66, 99, 240
Decimal	4353008
CIE Lab	49.45, 30.50, -71.07
CIE LCh	49, 77.340, 293.224
Yxy	17.9649, 0.1846, 0.1427
Android (android.graphics.Color)	4282543088 (0xFF426BF0)
YUV	109.9030, 64.1378, -38.5029
Hunter-Lab	42.3850, 23.6679, -88.7861

Details

The Hex color **426BF0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F0C742**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **879EFF**, and **003DB7** is the 20% darker color. If you saturate the color by 10%, you get **2A59F0**, and if you desaturate by 10%, it is **5A7DF0**.

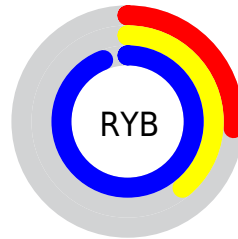
Distribution



Red (26%)

Green (42%)

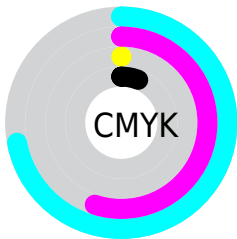
Blue (94%)



Red (26%)

Yellow (39%)

Blue (94%)

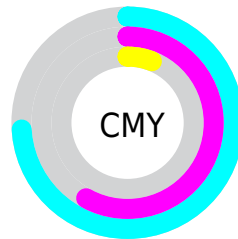


Cyan (72%)

Magenta (55%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (58%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Hex color 426BF0 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 426BF0 by changing the saturation by 10% instead.

 426BF0

 426BF0

FFFFFF

 0153D3

 879EFF

 003DB7

 A6B9FF

 00289B

 C5D4FF

 001680

 E4F0FF

 000067

 000A4D

 000536

 00021F

 000003

 426BF0

 426BF0

 2A59F0

 5A7DF0

 1246F0

 7290F0

 0039F0

 8AA2F0

 A2B4F0

 BAC7F0

 D2D9F0

 EAEBF0

 FFFEF0

 FFFFF0

Harmonies

Analogous

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



0083FA



426BF0



B445C5

Triad

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



426BF0



CA4E00



009064

Complementary

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



426BF0



F0C742

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.



008B1A



426BF0



9B6E00

Square

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



426BF0



E32147



5E8100



0091A8

Rectangle

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



426BF0



D6249D



5E8100



008F4D

Sweetspot

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



426BF0



C7D4FF



42F0C4



5E6680



000000



808080

Same Dimension

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



426BF0



2155FF



6E42F0



6C6F78



002BB8



000D38

Inverse Universe

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



F0426B



FF2155



C4F042



786C6F



B8002B



38000D

Previews

White Background



This preview shows how the Hex color 426BF0 looks on a white background.

Color Contrast Check

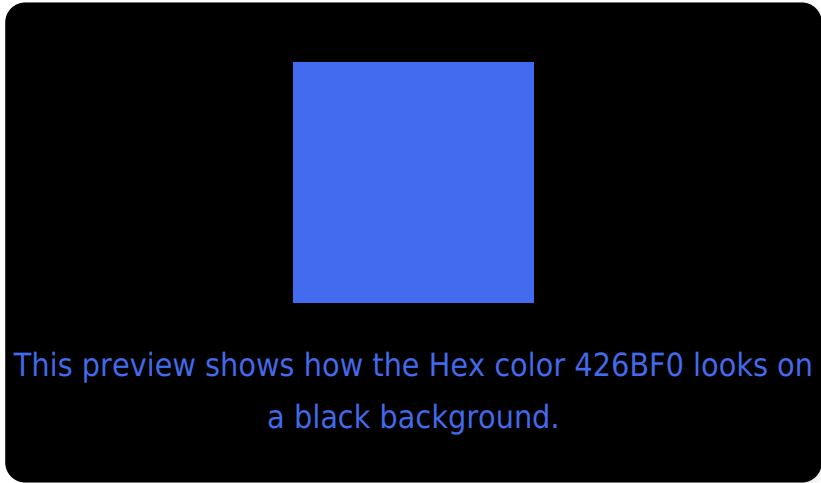
Large Text (above 18pt) WCAG AA ✓ Pass

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

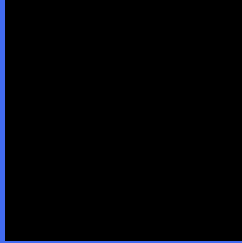
Any Text WCAG AA ✓ Pass

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 426BF0 Background



This preview shows how black text looks on a background with the Hex color 426BF0.

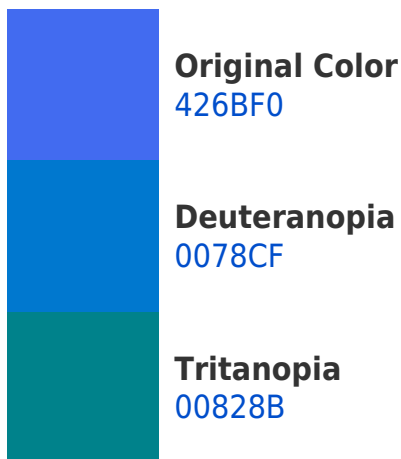


This preview shows how white text looks on a background with the Hex color 426BF0.

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



Trichromacy



Original Color
426BF0

Deuteranomaly
1873DB

Tritanomaly
187AB0

Monochromacy



Original Color
426BF0

Achromatopsia
6E6E6E

Achromatomaly
5E6D9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 426BF0 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 #426BF0 looks like.

```
.text, #text, p{  
    color:#426BF0  
}
```

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 #426BF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426BF0
}
```

Border

The CSS property to change the border of an element to Hex 426BF0 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
#426BF0 }
```

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

```
.border{ border-color:#426BF0 }
```

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

Here you see how a box with a 4 pixel #426BF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426BF0; -webkit-box-shadow:4px 4px  
4px 4px #426BF0; box-shadow:4px 4px 4px  
4px #426BF0 }
```

Background

The CSS property to change the background color of an element to Hex 426BF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426BF0 }
```

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

```
.background{ background-color:#426BF0 }
```

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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