

Converting Colors

Hex(416FB6)

Have a look what the booklet for
Hex(416FB6) contains.

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Color

Hex(416FB6)

Conversions

Conversions Part 1

Format	Color
Hex	416FB6
RGB	65, 111, 182
RGB Percent	25%, 44%, 71%
CMY	0.7451, 0.5647, 0.2863
CMYK	0.64, 0.39, 0.00, 0.29
HSL	216°, 47%, 48%
HSV	216°, 64%, 71%
XYZ	16.3079, 15.8701, 46.4597
YIQ	105.3400, -50.2070, 12.3290

Conversions

Conversions Part 2

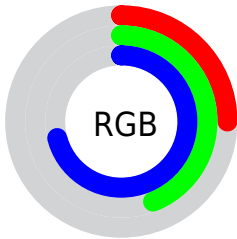
Format	Color
R _{YB}	65, 98, 182
Decimal	4288438
CIE Lab	46.80, 7.13, -42.29
CIE LCh	47, 42.884, 279.573
Yxy	15.8701, 0.2074, 0.2018
Android (android.graphics.Color)	4282478518 (0xFF416FB6)
YUV	105.3400, 37.7934, -35.3782
Hunter-Lab	39.8373, 3.3560, -41.2600

Details

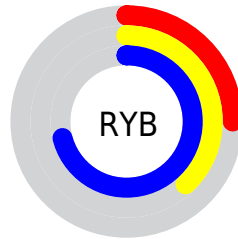
The Hex color **416FB6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B68841**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7BA2EE**, and **004081** is the 20% darker color. If you saturate the color by 10%, you get **2F64B6**, and if you desaturate by 10%, it is **537AB6**.

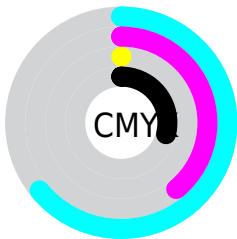
Distribution



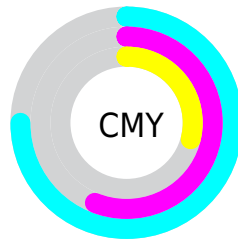
- Red (25%)
- Green (44%)
- Blue (71%)



- Red (25%)
- Yellow (38%)
- Blue (71%)



- Cyan (64%)
- Magenta (39%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416FB6 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 416FB6 by changing the saturation by 10% instead.

■ 416FB6

■ 416FB6

FFFFFF

■ 1E579B

■ 7BA2EE

■ 004081

■ 98BDFF

■ 002B67

■ B5D9FF

■ 00174E

■ D2F5FF

■ 000537

■ F0FFFF

■ 000221

■ 000006

■ 000000

■ 416FB6

■ 416FB6

■ 2F64B6

■ 537AB6

■ 1D59B6

■ 6585B6

■ 0A4EB6

■ 7890B6

■ 0048B6

■ 8A9BB6

■ 9CA6B6

■ AEB1B6

■ C0BCB6

■ D3C7B6

■ E5D2B6

Harmonies

Analogous

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



007AB2



416FB6



8061A7

Triad

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



416FB6



AC5743



097F54

Complementary

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



416FB6



B68841

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.



517A35



416FB6



97642A

Square

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



416FB6



B14F65



787123



00817A

Rectangle

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



416FB6



9A5794



787123



2D7E49

Sweetspot

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



416FB6



C0D2ED



41B687



5C6778



F7F7F7



787878

Same Dimension

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



416FB6



377EED



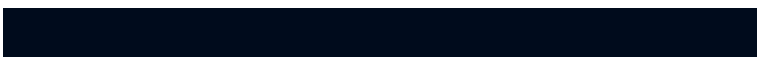
4D41B6



53565C



003D9C



000B1C

Inverse Universe

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



B6416F



ED377E



AAB641



5C5356



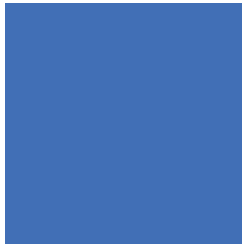
9C003D



1C000B

Previews

White Background



This preview shows how the Hex color 416FB6 looks on a white background.

Color Contrast Check

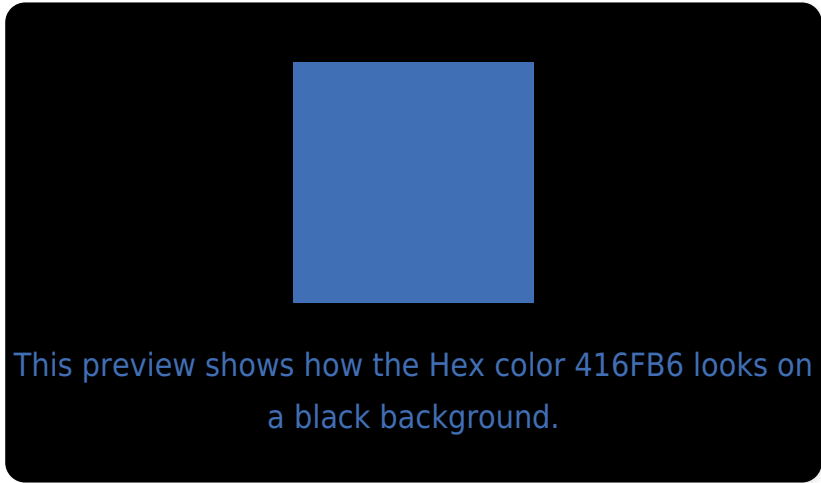
Large Text (above 18pt) WCAG AA ✓ Pass

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 416FB6 Background



This preview shows how black text looks on a background with the Hex color 416FB6.

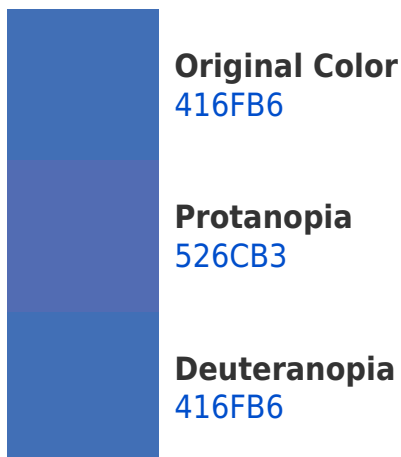



This preview shows how white text looks on a background with the Hex color 416FB6.

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](#).

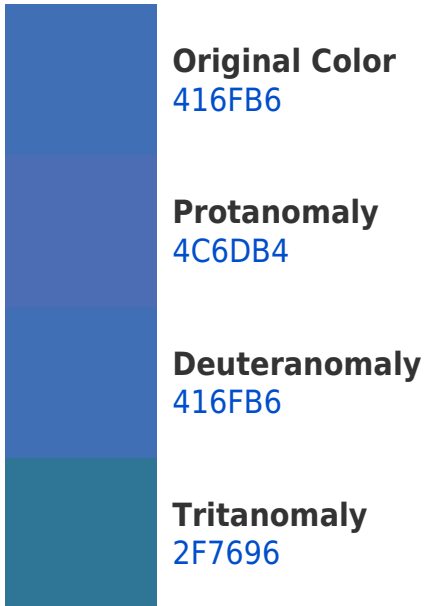
Dichromacy





Tritanopia
257A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 416FB6 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 #416FB6 looks like.

```
.text, #text, p{  
    color:#416FB6  
}
```

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 #416FB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416FB6
}
```

Border

The CSS property to change the border of an element to Hex 416FB6 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
#416FB6 }
```

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

```
.border{ border-color:#416FB6 }
```

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

Here you see how a box with a 4 pixel #416FB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416FB6; -webkit-box-shadow:4px 4px  
4px 4px #416FB6; box-shadow:4px 4px 4px  
4px #416FB6 }
```

Background

The CSS property to change the background color of an element to Hex 416FB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416FB6 }
```

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

```
.background{ background-color:#416FB6 }
```

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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