

Converting Colors

Hex(3F71B4)

Have a look what the booklet for
Hex(3F71B4) contains.

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Color

Hex(3F71B4)

Conversions

Conversions Part 1

Format	Color
Hex	3F71B4
RGB	63, 113, 180
RGB Percent	25%, 44%, 71%
CMY	0.7529, 0.5569, 0.2941
CMYK	0.65, 0.37, 0.00, 0.29
HSL	214°, 48%, 48%
HSV	214°, 65%, 71%
XYZ	16.1932, 16.1623, 45.4462
YIQ	105.6880, -51.3070, 10.2370

Conversions

Conversions Part 2

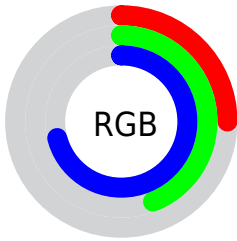
Format	Color
R _Y B	63, 98, 180
Decimal	4157876
CIE Lab	47.19, 4.83, -40.52
CIE LCh	47, 40.810, 276.794
Yxy	16.1623, 0.2081, 0.2077
Android (android.graphics.Color)	4282347956 (0xFF3F71B4)
YUV	105.6880, 36.6358, -37.4374
Hunter-Lab	40.2024, 1.5445, -38.8819

Details

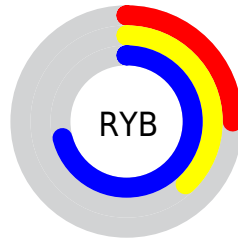
The Hex color **3F71B4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B4823F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7AA4EC**, and **00427F** is the 20% darker color. If you saturate the color by 10%, you get **2D67B4**, and if you desaturate by 10%, it is **517BB4**.

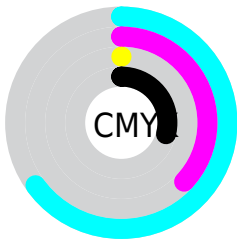
Distribution



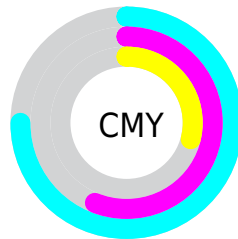
- Red (25%)
- Green (44%)
- Blue (71%)



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



- Cyan (65%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3F71B4 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 3F71B4 by changing the saturation by 10% instead.



3F71B4



3F71B4

FFFFFF



1B5999



7AA4EC



00427F



96BFFF



002C65



B3DBFF



00184D



D0F8FF



000536



EEFFFF



00021F



000003



000000



3F71B4



3F71B4

■ 2D67B4

■ 517BB4

■ 1B5CB4

■ 6386B4

■ 0952B4

■ 7590B4

■ 004DB4

■ 879AB4

■ 99A5B4

■ ABAFB4

■ BDB9B4

■ CFC3B4

■ E1CEB4

Harmonies

Analogous

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



007BAF



3F71B4



7C64A7

Triad

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



3F71B4



AC5849



227F54

Complementary

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



3F71B4



B4823F

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.



587A36



3F71B4



996430

Square

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



3F71B4



AF5269



7C7128



008177

Rectangle

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



3F71B4



975B96



7C7128



397E49

Sweetspot

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



3F71B4



BCD0EB



3FB481



596575



F5F5F5



757575

Same Dimension

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



3F71B4



3482EB



473FB4



505459



004199



000B1A

Inverse Universe

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



B43F71



EB3482



ACB43F



595054



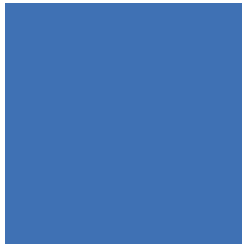
990041



1A000B

Previews

White Background



This preview shows how the Hex color 3F71B4 looks on a white background.

Color Contrast Check

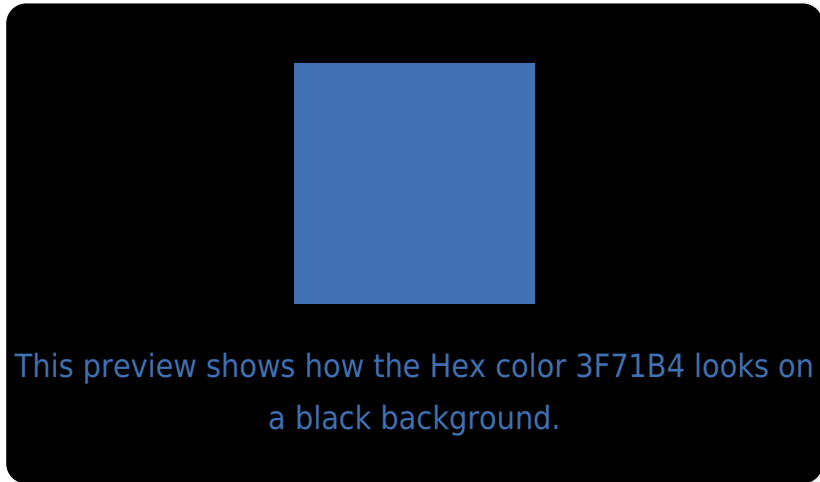
Large Text (above 18pt) WCAG AA ✓ Pass

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

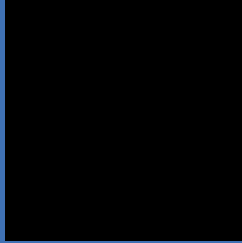
Any Text WCAG AA × Fail

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 3F71B4 Background



This preview shows how black text looks on a background with the Hex color 3F71B4.

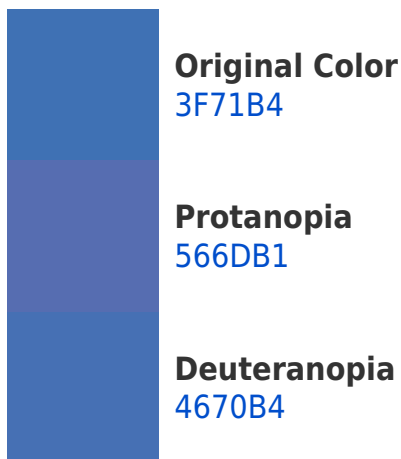


This preview shows how white text looks on a background with the Hex color 3F71B4.

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](#).

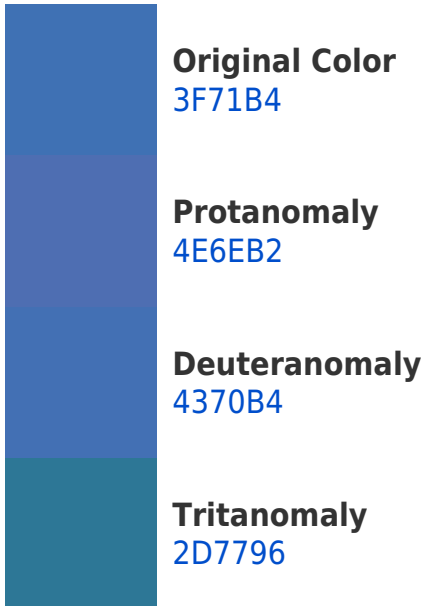
Dichromacy



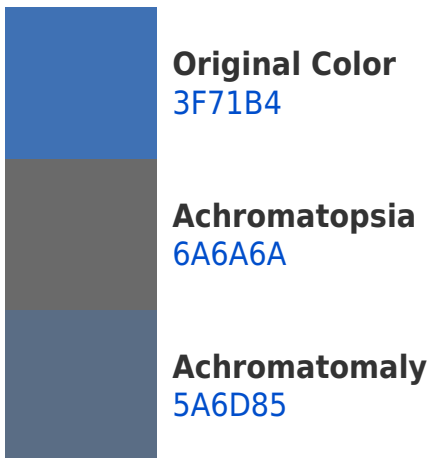


Tritanopia
237B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F71B4 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 #3F71B4 looks like.

```
.text, #text, p{  
    color:#3F71B4  
}
```

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 #3F71B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F71B4
}
```

Border

The CSS property to change the border of an element to Hex 3F71B4 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
#3F71B4 }
```

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

```
.border{ border-color:#3F71B4 }
```

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

Here you see how a box with a 4 pixel #3F71B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F71B4; -webkit-box-shadow:4px 4px  
4px 4px #3F71B4; box-shadow:4px 4px 4px  
4px #3F71B4 }
```

Background

The CSS property to change the background color of an element to Hex 3F71B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F71B4 }
```

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

```
.background{ background-color:#3F71B4 }
```

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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