

Converting Colors

Hex(3A5FB3)

Have a look what the booklet for
Hex(3A5FB3) contains.

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Color

Hex(3A5FB3)

Conversions

Conversions Part 1

Format	Color
Hex	3A5FB3
RGB	58, 95, 179
RGB Percent	23%, 37%, 70%
CMY	0.7725, 0.6275, 0.2980
CMYK	0.68, 0.47, 0.00, 0.30
HSL	222°, 51%, 46%
HSV	222°, 68%, 70%
XYZ	13.9738, 12.3386, 44.2929
YIQ	93.5130, -49.0160, 18.2800

Conversions

Conversions Part 2

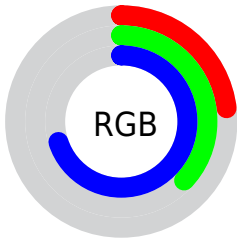
Format	Color
RYB	58, 86, 179
Decimal	3825587
CIELab	41.75, 14.97, -48.62
CIElCh	42, 50.877, 287.117
Yxy	12.3386, 0.1979, 0.1748
Android (android.graphics.Color)	4282015667 (0xFF3A5FB3)
YUV	93.5130, 42.1451, -31.1449
Hunter-Lab	35.1264, 9.5389, -50.1738

Details

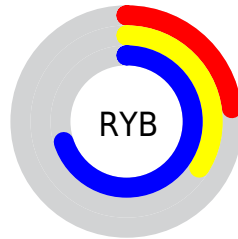
The Hex color **3A5FB3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B38E3A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7691EB**, and **00327D** is the 20% darker color. If you saturate the color by 10%, you get **2853B3**, and if you desaturate by 10%, it is **4C6BB3**.

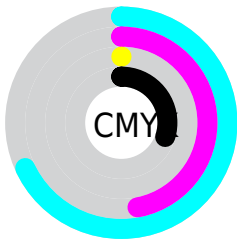
Distribution



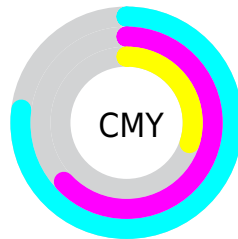
- Red (23%)
- Green (37%)
- Blue (70%)



- Red (23%)
- Yellow (34%)
- Blue (70%)



- Cyan (68%)
- Magenta (47%)
- Yellow (0%)
- Black (30%)



- Cyan (77%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5FB3 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 3A5FB3 by changing the saturation by 10% instead.

■ 3A5FB3

■ 3A5FB3

FFFFFF

■ 114898

■ 7691EB

■ 00327D

■ 93ABFF

■ 001E64

■ B0C7FF

■ 00044C

■ CDE2FF

■ 000434

■ EAFFFF

■ 00021E

■ 000000

■ 3A5FB3

■ 3A5FB3

■ 2853B3

■ 4C6BB3

■ 1646B3

■ 5E78B3

■ 043AB3

■ 7084B3

■ 0037B3

■ 8291B3

■ 939DB3

■ A5AAB3

■ B7B6B3

■ C9C2B3

■ DBCFB3

Harmonies

Analogous

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



006CB4



3A5FB3



824C9C

Triad

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



3A5FB3



A14826



00754E

Complementary

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



3A5FB3



B38E3A

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.



2C7025



3A5FB3



855A01

Square

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



3A5FB3



AD394C



606800



00767A

Rectangle

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



3A5FB3



9C3F84



606800



007440

Sweetspot

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



3A5FB3



BAC8E8



3AB38D



596275



F5F5F5



757575

Same Dimension

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



3A5FB3



2C66E8



503AB3



505359



002F99



00081A

Inverse Universe

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



B33A5F



E82C66



9DB33A



595053



99002F



1A0008

Previews

White Background



This preview shows how the Hex color 3A5FB3 looks on a white background.

Color Contrast Check

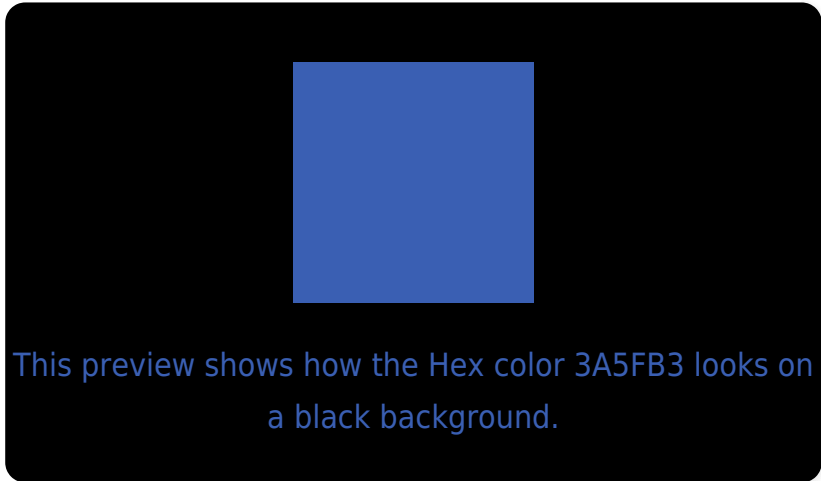
Large Text (above 18pt) WCAG AA ✓ Pass

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

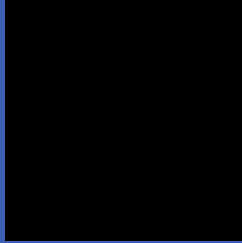
Any Text WCAG AA × Fail

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 3A5FB3 Background



This preview shows how black text looks on a background with the Hex color 3A5FB3.



This preview shows how white text looks on a background with the Hex color 3A5FB3.

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](#).

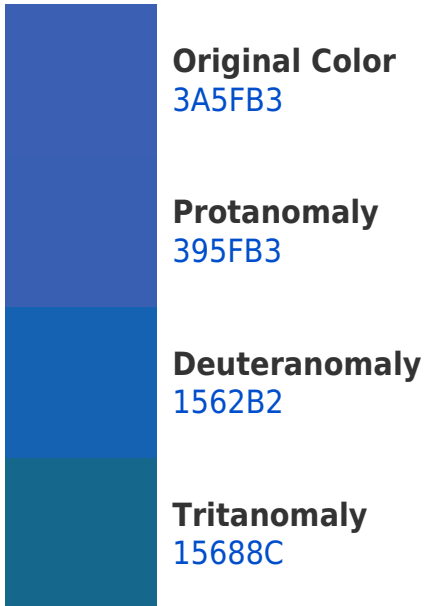
Dichromacy



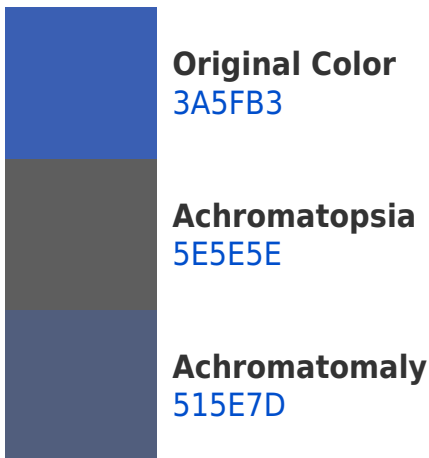


Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5FB3 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 #3A5FB3 looks like.

```
.text, #text, p{  
    color:#3A5FB3  
}
```

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 #3A5FB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5FB3
}
```

Border

The CSS property to change the border of an element to Hex 3A5FB3 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
#3A5FB3 }
```

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

```
.border{ border-color:#3A5FB3 }
```

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

Here you see how a box with a 4 pixel #3A5FB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5FB3; -webkit-box-shadow:4px 4px  
4px 4px #3A5FB3; box-shadow:4px 4px 4px  
4px #3A5FB3 }
```

Background

The CSS property to change the background color of an element to Hex 3A5FB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5FB3 }
```

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

```
.background{ background-color:#3A5FB3 }
```

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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