

Converting Colors

Hex(3F62BA)

Have a look what the booklet for
Hex(3F62BA) contains.

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Color

Hex(3F62BA)

Conversions

Conversions Part 1

Format	Color
Hex	3F62BA
RGB	63, 98, 186
RGB Percent	25%, 38%, 73%
CMY	0.7529, 0.6157, 0.2706
CMYK	0.66, 0.47, 0.00, 0.27
HSL	223°, 49%, 49%
HSV	223°, 66%, 73%
XYZ	15.2805, 13.3373, 48.2234
YIQ	97.5670, -49.1080, 19.9480

Conversions

Conversions Part 2

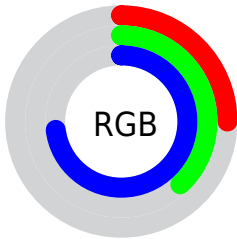
Format	Color
R_{YB}	63, 90, 186
Decimal	4154042
CIE _{Lab}	43.27, 16.41, -50.27
CIE _{LCh}	43, 52.878, 288.084
Yxy	13.3373, 0.1989, 0.1736
Android (android.graphics.Color)	4282344122 (0xFF3F62BA)
YUV	97.5670, 43.5975, -30.3153
Hunter-Lab	36.5203, 10.7760, -52.7256

Details

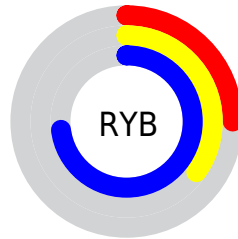
The Hex color **3F62BA** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BA973F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7B94F3**, and **003484** is the 20% darker color. If you saturate the color by 10%, you get **2C55BA**, and if you desaturate by 10%, it is **526FBA**.

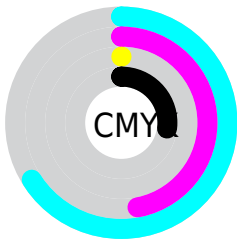
Distribution



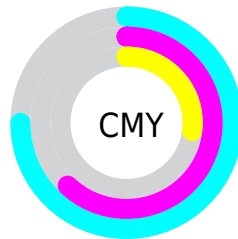
- Red (25%)
- Green (38%)
- Blue (73%)



- Red (25%)
- Yellow (35%)
- Blue (73%)



- Cyan (66%)
- Magenta (47%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F62BA 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 3F62BA by changing the saturation by 10% instead.

■ 3F62BA

■ 3F62BA

FFFFFF

■ 194B9F

■ 7B94F3

■ 003484

■ 98AFFF

■ 00206A

■ B5CAFF

■ 000952

■ D2E6FF

■ 00053A

■ F0FFFF

■ 000223

■ 00000A

■ 000000

■ 3F62BA

■ 3F62BA

■ 2C55BA

■ 526FBA

■ 1A47BA

■ 647DBA

■ 073ABA

■ 778ABA

■ 0035BA

■ 8997BA

■ 9CA5BA

■ AFB2BA

■ C1BFBA

■ D4CCBA

■ E6DABA

Harmonies

Analogous

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



0070BC



3F62BA



894EA1

Triad

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



3F62BA



A74B25



007953

Complementary

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



3F62BA



BA973F

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.



2A7527



3F62BA



895E00

Square

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



3F62BA



B43B4E



626C00



007A80

Rectangle

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



3F62BA



A34188



626C00



007844

Sweetspot

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



3F62BA



C2D0F2



3FBA95



5D657A



FAFAFA



7A7A7A

Same Dimension

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



3F62BA



3369F2



583FBA



53555C



002C9C



00081C

Inverse Universe

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



BA3F62



F23369



A1BA3F



5C5355



9C002C



1C0008

Previews

White Background



This preview shows how the Hex color 3F62BA looks on a white background.

Color Contrast Check

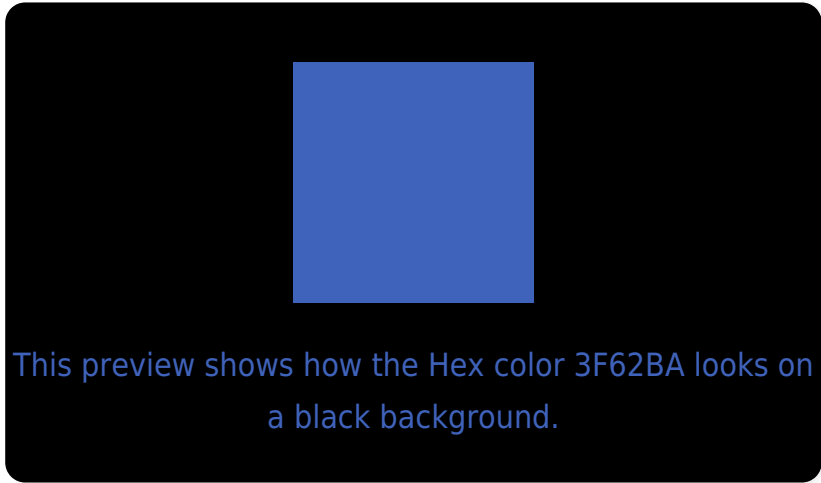
Large Text (above 18pt) WCAG AA ✓ Pass

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

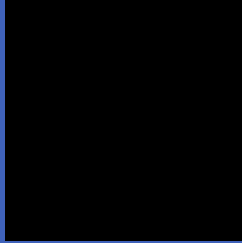
Any Text WCAG AA × Fail

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 3F62BA Background



This preview shows how black text looks on a background with the Hex color 3F62BA.



This preview shows how white text looks on a background with the Hex color 3F62BA.

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
3F62BA

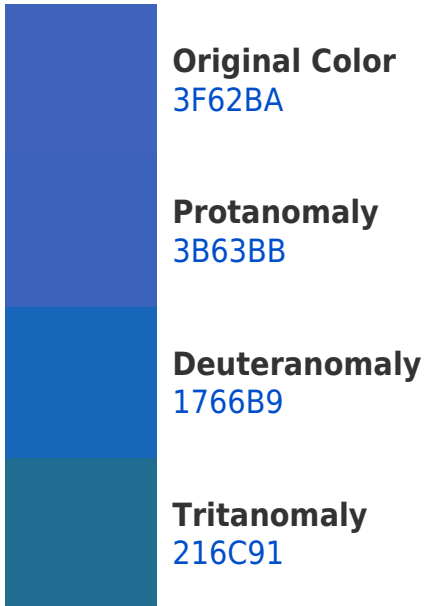
Protanopia
3963BB

Deuteranopia
0068B8

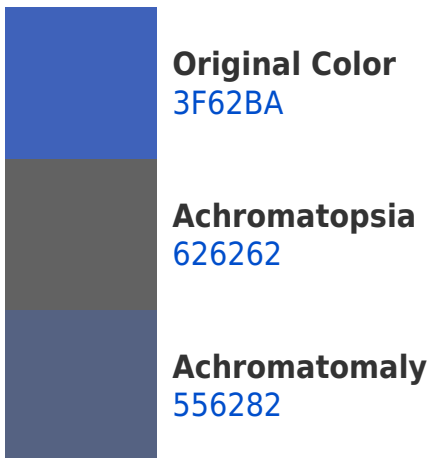


Tritanopia
10717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F62BA 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 #3F62BA looks like.

```
.text, #text, p{  
    color:#3F62BA  
}
```

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 #3F62BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F62BA
}
```

Border

The CSS property to change the border of an element to Hex 3F62BA 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
#3F62BA }
```

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

```
.border{ border-color:#3F62BA }
```

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

Here you see how a box with a 4 pixel #3F62BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F62BA; -webkit-box-shadow:4px 4px  
4px 4px #3F62BA; box-shadow:4px 4px 4px  
4px #3F62BA }
```

Background

The CSS property to change the background color of an element to Hex 3F62BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F62BA }
```

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

```
.background{ background-color:#3F62BA }
```

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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