

Converting Colors

Hex(3A62B3)

Have a look what the booklet for
Hex(3A62B3) contains.

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Color

Hex(3A62B3)

Conversions

Conversions Part 1

Format	Color
Hex	3A62B3
RGB	58, 98, 179
RGB Percent	23%, 38%, 70%
CMY	0.7725, 0.6157, 0.2980
CMYK	0.68, 0.45, 0.00, 0.30
HSL	220°, 51%, 46%
HSV	220°, 68%, 70%
XYZ	14.2493, 12.8896, 44.3847
YIQ	95.2740, -49.8410, 16.7110

Conversions

Conversions Part 2

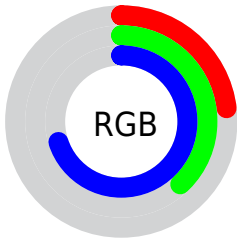
Format	Color
R_{YB}	58, 88, 179
Decimal	3826355
CIE _{Lab}	42.60, 13.05, -47.26
CIE _{LCh}	43, 49.032, 285.430
Yxy	12.8896, 0.1992, 0.1802
Android (android.graphics.Color)	4282016435 (0xFF3A62B3)
YUV	95.2740, 41.2769, -32.6893
Hunter-Lab	35.9021, 8.0169, -48.1672

Details

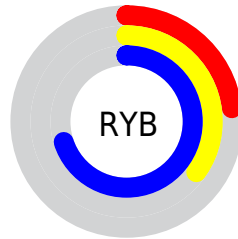
The Hex color **3A62B3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B38B3A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7694EB**, and **00347E** is the 20% darker color. If you saturate the color by 10%, you get **2856B3**, and if you desaturate by 10%, it is **4C6EB3**.

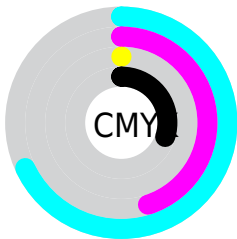
Distribution



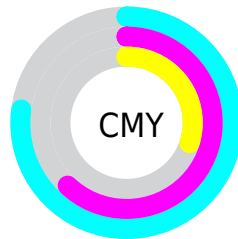
- Red (23%)
- Green (38%)
- Blue (70%)



- Red (23%)
- Yellow (35%)
- Blue (70%)



- Cyan (68%)
- Magenta (45%)
- Yellow (0%)
- Black (30%)



- Cyan (77%)
- Magenta (62%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A62B3 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 3A62B3 by changing the saturation by 10% instead.

■ 3A62B3

■ 3A62B3

FFFFFF

■ 114B98

■ 7694EB

■ 00347E

■ 93AFFF

■ 002064

■ AFCAFF

■ 00084C

■ CDE6FF

■ 000434

■ EAFFFF

■ 00021E

■ 000000

■ 3A62B3

■ 3A62B3

■ 2856B3

■ 4C6EB3

■ 164AB3

■ 5E7AB3

■ 043EB3

■ 7086B3

■ 003BB3

■ 8292B3

■ 939EB3

■ A5AAB3

■ B7B6B3

■ C9C2B3

■ DBCEB3

Harmonies

Analogous

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



006FB3



3A62B3



81509E

Triad

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



3A62B3



A34A2C



00764F

Complementary

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



3A62B3



B38B3A

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.



357227



3A62B3



895B0C

Square

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



3A62B3



AD3D51



656906



007879

Rectangle

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



3A62B3



9B4487



656906



007541

Sweetspot

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



3A62B3



BAC9E8



3AB38B



596275



F5F5F5



757575

Same Dimension

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



3A62B3



2C6AE8



4E3AB3



505359



003399



00081A

Inverse Universe

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



B33A62



E82C6A



9FB33A



595053



990033



1A0008

Previews

White Background



This preview shows how the Hex color 3A62B3 looks on a white background.

Color Contrast Check

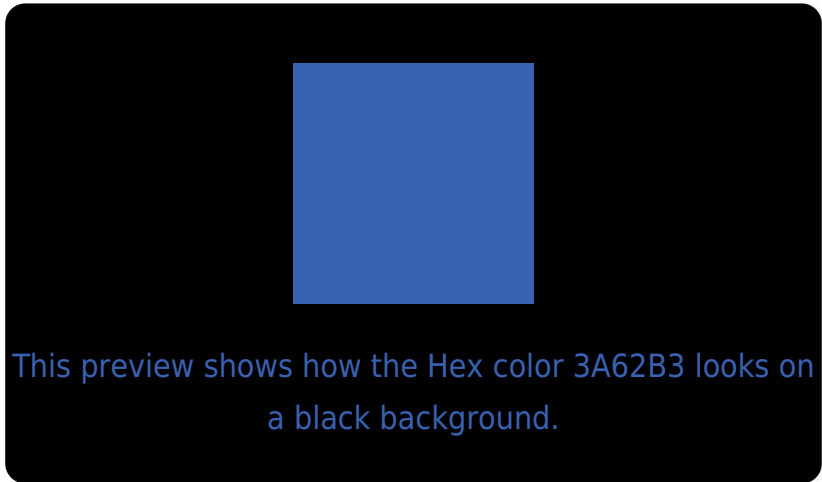
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A62B3 Background



This preview shows how black text looks on a background with the Hex color 3A62B3.



This preview shows how white text looks on a background with the Hex color 3A62B3.

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

3A62B3

Protanopia

3E61B2

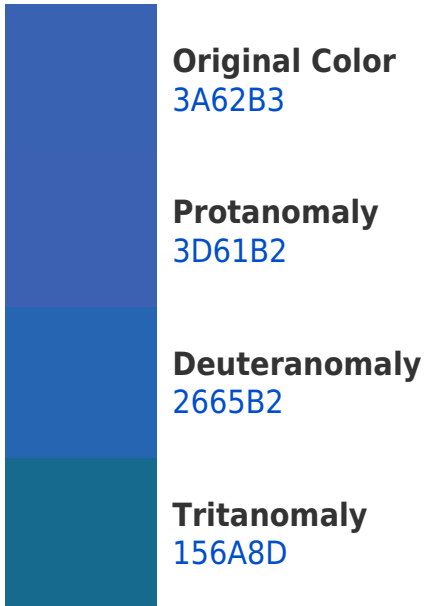
Deuteranopia

1B66B2



Tritanopia
006F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A62B3 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 #3A62B3 looks like.

```
.text, #text, p{  
    color:#3A62B3  
}
```

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 #3A62B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A62B3
}
```

Border

The CSS property to change the border of an element to Hex 3A62B3 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
#3A62B3 }
```

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

```
.border{ border-color:#3A62B3 }
```

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

Here you see how a box with a 4 pixel #3A62B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A62B3; -webkit-box-shadow:4px 4px  
4px 4px #3A62B3; box-shadow:4px 4px 4px  
4px #3A62B3 }
```

Background

The CSS property to change the background color of an element to Hex 3A62B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A62B3 }
```

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

```
.background{ background-color:#3A62B3 }
```

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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