

Converting Colors

Hex(3A73B0)

Have a look what the booklet for
Hex(3A73B0) contains.

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Color

Hex(3A73B0)

Conversions

Conversions Part 1

Format	Color
Hex	3A73B0
RGB	58, 115, 176
RGB Percent	23%, 45%, 69%
CMY	0.7725, 0.5490, 0.3098
CMYK	0.67, 0.35, 0.00, 0.31
HSL	211°, 50%, 46%
HSV	211°, 67%, 69%
XYZ	15.7121, 16.2956, 43.3915
YIQ	104.9110, -53.5530, 6.8870

Conversions

Conversions Part 2

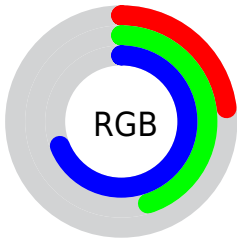
Format	Color
RYB	58, 96, 176
Decimal	3830704
CIELab	47.36, 1.31, -37.94
CIELCh	47, 37.960, 271.975
Yxy	16.2956, 0.2084, 0.2161
Android (android.graphics.Color)	4282020784 (0xFF3A73B0)
YUV	104.9110, 35.0469, -41.1409
Hunter-Lab	40.3678, -1.1671, -35.4736

Details

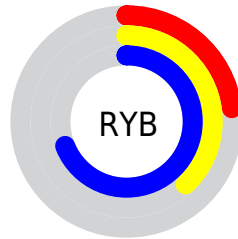
The Hex color **3A73B0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B0773A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **75A7E8**, and **00437B** is the 20% darker color. If you saturate the color by 10%, you get **286AB0**, and if you desaturate by 10%, it is **4C7CB0**.

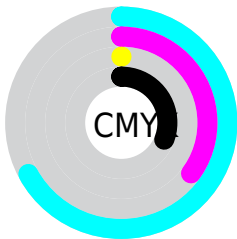
Distribution



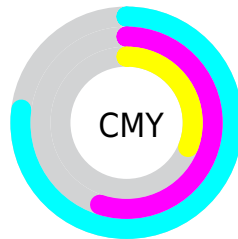
- Red (23%)
- Green (45%)
- Blue (69%)



- Red (23%)
- Yellow (38%)
- Blue (69%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)
- Black (31%)



- Cyan (77%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A73B0 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 3A73B0 by changing the saturation by 10% instead.

■ 3A73B0

■ 3A73B0

FFFFFF

■ 135B95

■ 75A7E8

■ 00437B

■ 92C2FF

■ 002E62

■ AEDEFF

■ 001A4A

■ CBF AFF

■ 000433

■ E9FFFF

■ 00021D

■ 000000

■ 3A73B0

■ 3A73B0

■ 286AB0

■ 4C7CB0

■ 1761B0

■ 5D85B0

■ 0558B0

■ 6F8EB0

■ 0055B0

■ 8097B0

■ 92A0B0

■ A4AAB0

■ B5B3B0

■ C7BCB0

■ D8C5B0

Harmonies

Analogous

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



007BA8



3A73B0



7567A7

Triad

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



3A73B0



AA5950



367E51

Complementary

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



3A73B0



B0773A

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.



607838



3A73B0



9B6438

Square

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



3A73B0



AB556F



816F2E



008071

Rectangle

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



3A73B0



8F5F98



816F2E



467C47

Sweetspot

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



3A73B0



B8CEE6



3AB077



576573



F2F2F2



737373

Same Dimension

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



3A73B0



2E87E6



3C3AB0



505559



004A99



000C1A

Inverse Universe

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



B03A73



E62E87



AEB03A



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 3A73B0 looks on a white background.

Color Contrast Check

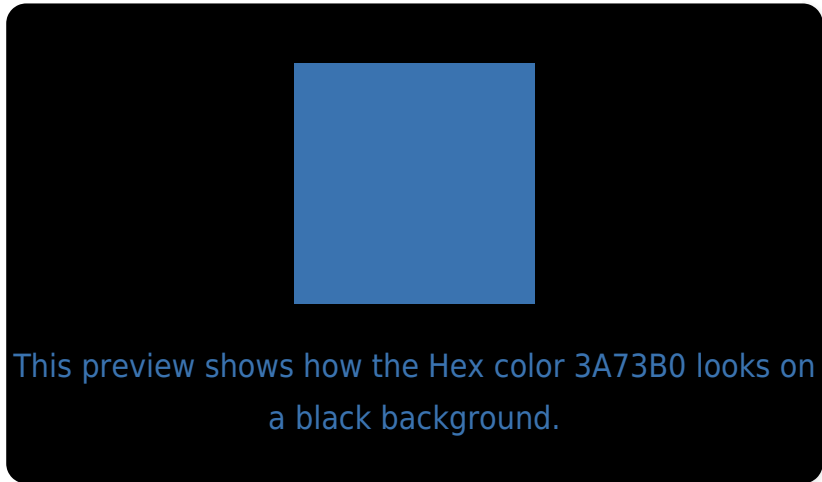
Large Text (above 18pt) WCAG AA ✓ Pass

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

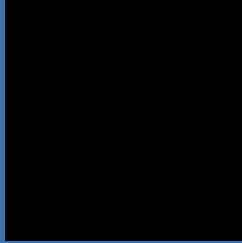
Any Text WCAG AA × Fail

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 3A73B0 Background



This preview shows how black text looks on a background with the Hex color 3A73B0.

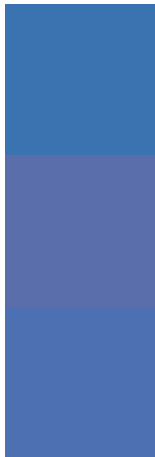


This preview shows how white text looks on a background with the Hex color 3A73B0.

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
3A73B0

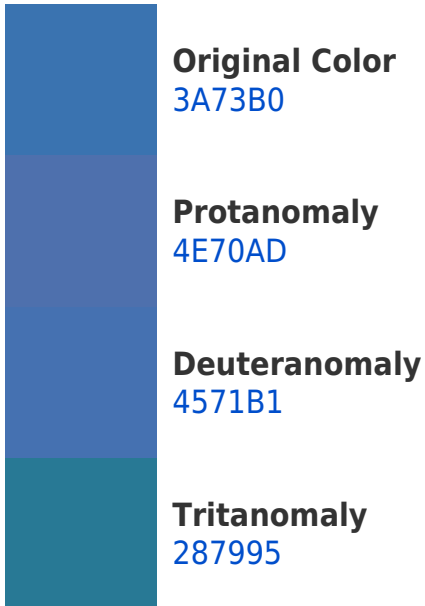
Protanopia
5A6EAB

Deuteranopia
4C70B1



Tritanopia
1E7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A73B0 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 #3A73B0 looks like.

```
.text, #text, p{  
    color:#3A73B0  
}
```

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 #3A73B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A73B0
}
```

Border

The CSS property to change the border of an element to Hex 3A73B0 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
#3A73B0 }
```

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

```
.border{ border-color:#3A73B0 }
```

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

Here you see how a box with a 4 pixel #3A73B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A73B0; -webkit-box-shadow:4px 4px  
4px 4px #3A73B0; box-shadow:4px 4px 4px  
4px #3A73B0 }
```

Background

The CSS property to change the background color of an element to Hex 3A73B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A73B0 }
```

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

```
.background{ background-color:#3A73B0 }
```

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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