

Converting Colors

Hex(3A60B3)

Have a look what the booklet for
Hex(3A60B3) contains.

Hex(3A60B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A60B3)

Conversions

Conversions Part 1

Format	Color
Hex	3A60B3
RGB	58, 96, 179
RGB Percent	23%, 38%, 70%
CMY	0.7725, 0.6235, 0.2980
CMYK	0.68, 0.46, 0.00, 0.30
HSL	221°, 51%, 46%
HSV	221°, 68%, 70%
XYZ	14.0645, 12.5200, 44.3231
YIQ	94.1000, -49.2910, 17.7570

Conversions

Conversions Part 2

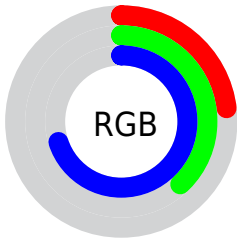
Format	Color
RYB	58, 87, 179
Decimal	3825843
CIELab	42.03, 14.33, -48.17
CIElCh	42, 50.258, 286.567
Yxy	12.5200, 0.1983, 0.1766
Android (android.graphics.Color)	4282015923 (0xFF3A60B3)
YUV	94.1000, 41.8557, -31.6597
Hunter-Lab	35.3835, 9.0301, -49.5010

Details

The Hex color **3A60B3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B38D3A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7692EB**, and **00337E** is the 20% darker color. If you saturate the color by 10%, you get **2854B3**, and if you desaturate by 10%, it is **4C6CB3**.

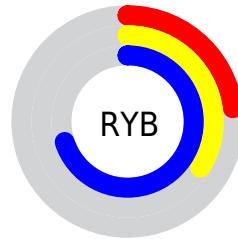
Distribution



Red (23%)

Green (38%)

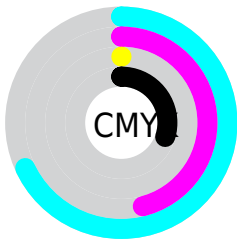
Blue (70%)



Red (23%)

Yellow (34%)

Blue (70%)

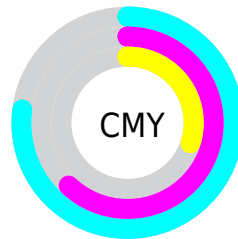


Cyan (68%)

Magenta (46%)

Yellow (0%)

Black (30%)



Cyan (77%)

Magenta (62%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A60B3 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 3A60B3 by changing the saturation by 10% instead.

 3A60B3

 3A60B3

FFFFFF

 114998

 7692EB

 00337E

 93ACFF

 001F64

 B0C8FF

 00054C

 CDE4FF

 000434

 EAFFFF

 00021E

 000000

 3A60B3

 3A60B3

 2854B3

 4C6CB3

■ 1647B3

■ 5E79B3

■ 043BB3

■ 7085B3

■ 0038B3

■ 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.



006DB4



3A60B3



824D9D

Triad

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



3A60B3



A14928



00754F

Complementary

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



3A60B3



B38D3A

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.



2F7126



3A60B3



875A04

Square

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



3A60B3



AD3A4E



626800



00767A

Rectangle

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



3A60B3



9C4185



626800



007440

Sweetspot

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



3A60B3



BAC8E8



3AB38D



596275



F5F5F5



757575

Same Dimension

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



3A60B3



2C67E8



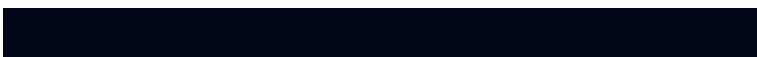
503AB3



505359



003099



00081A

Inverse Universe

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



B33A60



E82C67



9DB33A



595053



990030



1A0008

Previews

White Background



This preview shows how the Hex color 3A60B3 looks on a white background.

Color Contrast Check

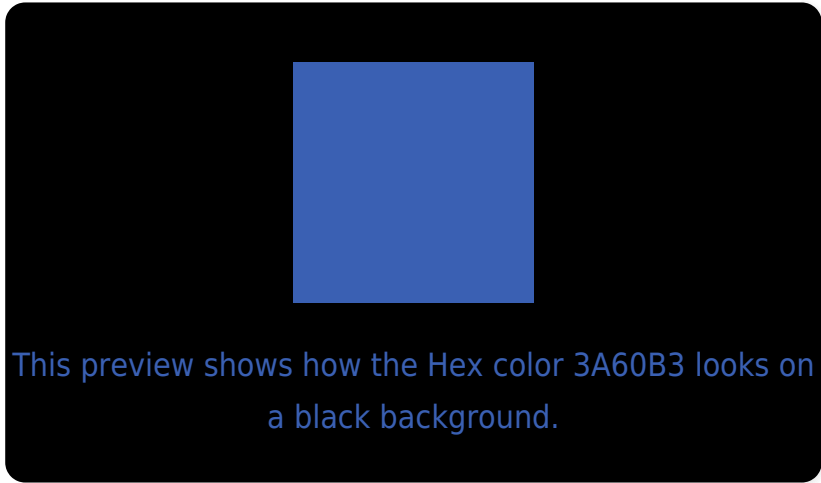
Large Text (above 18pt) WCAG AA ✓ Pass

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

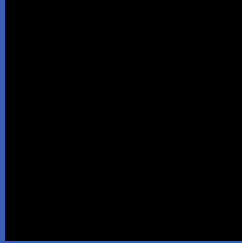
Any Text WCAG AA × Fail

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 3A60B3 Background



This preview shows how black text looks on a background with the Hex color 3A60B3.



This preview shows how white text looks on a background with the Hex color 3A60B3.

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](#).

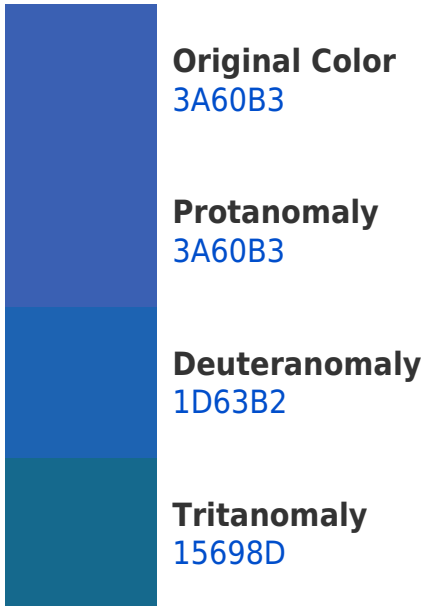
Dichromacy



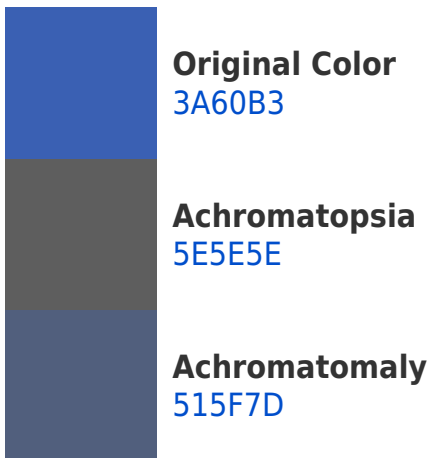


Tritanopia
006E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A60B3 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 #3A60B3 looks like.

```
.text, #text, p{  
    color:#3A60B3  
}
```

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 #3A60B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A60B3
}
```

Border

The CSS property to change the border of an element to Hex 3A60B3 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
#3A60B3 }
```

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

```
.border{ border-color:#3A60B3 }
```

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

Here you see how a box with a 4 pixel #3A60B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A60B3; -webkit-box-shadow:4px 4px  
4px 4px #3A60B3; box-shadow:4px 4px 4px  
4px #3A60B3 }
```

Background

The CSS property to change the background color of an element to Hex 3A60B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A60B3 }
```

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

```
.background{ background-color:#3A60B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor