

Converting Colors

Hex(3A5AA0)

Have a look what the booklet for
Hex(3A5AA0) contains.

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Color

Hex(3A5AA0)

Conversions

Conversions Part 1

Format	Color
Hex	3A5AA0
RGB	58, 90, 160
RGB Percent	23%, 35%, 63%
CMY	0.7725, 0.6471, 0.3725
CMYK	0.64, 0.44, 0.00, 0.37
HSL	221°, 47%, 43%
HSV	221°, 64%, 63%
XYZ	11.7463, 10.7499, 34.7136
YIQ	88.4120, -41.5420, 14.9860

Conversions

Conversions Part 2

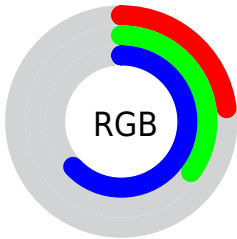
Format	Color
R_{YB}	58, 82, 160
Decimal	3824288
CIE _{Lab}	39.16, 11.31, -41.53
CIE _{LCh}	39, 43.045, 285.234
Yxy	10.7499, 0.2053, 0.1879
Android (android.graphics.Color)	4282014368 (0xFF3A5AA0)
YUV	88.4120, 35.2929, -26.6713
Hunter-Lab	32.7871, 6.5717, -39.8227

Details

The Hex color **3A5AA0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A0803A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **738CD7**, and **002D6C** is the 20% darker color. If you saturate the color by 10%, you get **2A4FA0**, and if you desaturate by 10%, it is **4A65A0**.

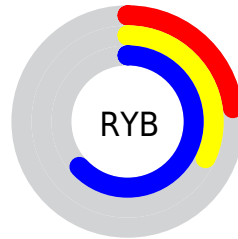
Distribution



Red (23%)

Green (35%)

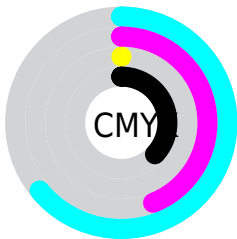
Blue (63%)



Red (23%)

Yellow (32%)

Blue (63%)

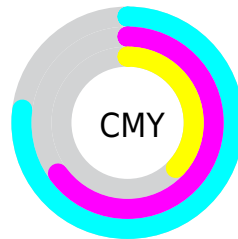


Cyan (64%)

Magenta (44%)

Yellow (0%)

Black (37%)



Cyan (77%)

Magenta (65%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5AA0 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 3A5AA0 by changing the saturation by 10% instead.

■ 3A5AA0

■ 3A5AA0

FFFFFF

■ 184386

■ 738CD7

■ 002D6C

■ 8FA6F4

■ 001953

■ ABC1FF

■ 00003C

■ C8DDFF

■ 000225

■ E5F9FF

■ 00010D

■ 000000

■ 3A5AA0

■ 3A5AA0

■ 2A4FA0

■ 4A65A0

■ 1A44A0

■ 5A70A0

■ 0A39A0

■ 6A7BA0

■ 0032A0

■ 7A86A0

■ 8A91A0

■ 9A9CA0

■ AAA7A0

■ BAB2A0

■ CABDA0

Harmonies

Analogous

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



0065A0



3A5AA0



754B8E

Triad

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



3A5AA0



93462C



006C49

Complementary

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



3A5AA0



A0803A

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.



356828



3A5AA0



7D5413

Square

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



3A5AA0



9C3C4C



5D6010



006D6E

Rectangle

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



3A5AA0



8B417A



5D6010



006B3D

Sweetspot

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



3A5AA0



A9B6D1



3AA080



515869



E8E8E8



696969

Same Dimension

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



3A5AA0



3063D1



4D3AA0



474A4F



002D8F



00050F

Inverse Universe

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



A03A5A



D13063



8DA03A



4F474A



8F002D



0F0005

Previews

White Background



This preview shows how the Hex color 3A5AA0 looks on a white background.

Color Contrast Check

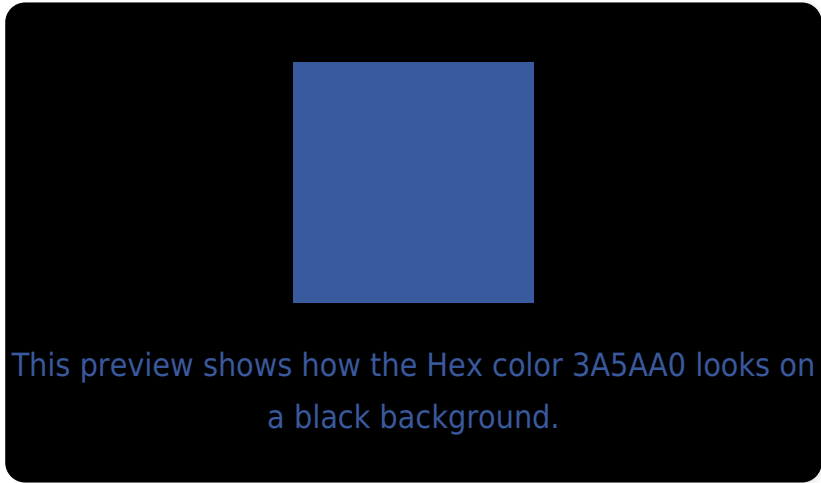
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A5AA0 Background



This preview shows how black text looks on a background with the Hex color 3A5AA0.



This preview shows how white text looks on a background with the Hex color 3A5AA0.

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


3A5AA0

Protanopia

3D5AA0

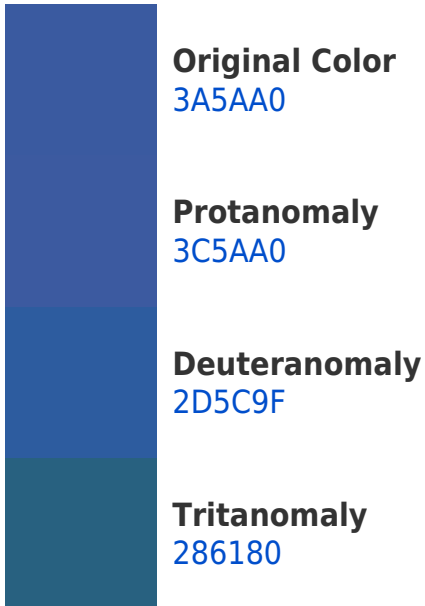
Deuteranopia

265D9F



Tritanopia
1E656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5AA0 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 #3A5AA0 looks like.

```
.text, #text, p{  
    color:#3A5AA0  
}
```

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 #3A5AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5AA0
}
```

Border

The CSS property to change the border of an element to Hex 3A5AA0 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
#3A5AA0 }
```

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

```
.border{ border-color:#3A5AA0 }
```

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

Here you see how a box with a 4 pixel #3A5AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5AA0; -webkit-box-shadow:4px 4px  
4px 4px #3A5AA0; box-shadow:4px 4px 4px  
4px #3A5AA0 }
```

Background

The CSS property to change the background color of an element to Hex 3A5AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5AA0 }
```

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

```
.background{ background-color:#3A5AA0 }
```

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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