

# Converting Colors

Hex(3A60AA)

Have a look what the booklet for  
Hex(3A60AA) contains.

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# Color

**Hex(3A60AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A60AA
RGB	58, 96, 170
RGB Percent	23%, 38%, 67%
CMY	0.7725, 0.6235, 0.3333
CMYK	0.66, 0.44, 0.00, 0.33
HSL	220°, 49%, 45%
HSV	220°, 66%, 67%
XYZ	13.1835, 12.1676, 39.6839
YIQ	93.0740, -46.4020, 14.9580

# Conversions

## Conversions Part 2

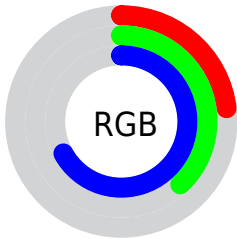
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 86, 170
Decimal	3825834
CIELab	41.48, 11.06, -43.76
CIElCh	41, 45.132, 284.183
Yxy	12.1676, 0.2027, 0.1871
Android (android.graphics.Color)	4282015914 (0xFF3A60AA)
YUV	93.0740, 37.9245, -30.7599
Hunter-Lab	34.8820, 6.4196, -43.0345

# Details

The Hex color **3A60AA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA843A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7492E2**, and **003375** is the 20% darker color. If you saturate the color by 10%, you get **2955AA**, and if you desaturate by 10%, it is **4B6BAA**.

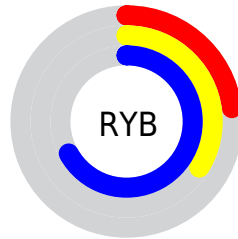
# Distribution



Red (23%)

Green (38%)

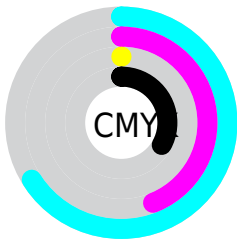
Blue (67%)



Red (23%)

Yellow (34%)

Blue (67%)

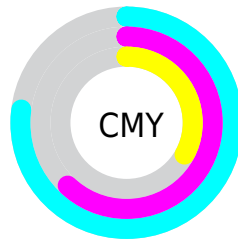


Cyan (66%)

Magenta (44%)

Yellow (0%)

Black (33%)



Cyan (77%)

Magenta (62%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A60AA 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 3A60AA by changing the saturation by 10% instead.



■ 3A60AA

■ 3A60AA

FFFFFF

■ 15498F

■ 7492E2

■ 003375

■ 91ADFF

■ 001E5C

■ ADC8FF

■ 000444

■ CAE4FF

■ 00032D

■ E7FFFF

■ 000117

■ 000000

■ 3A60AA

■ 3A60AA

■ 2955AA

■ 4B6BAA

■ 184AAA

■ 5C76AA

■ 073EAA

■ 6D82AA

■ 003AAA

■ 7E8DAA

■ 8F98AA

■ A0A3AA

■ B1AFAA

■ C2BAAA

■ D3C5AA

# Harmonies

## Analogous

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



006BA9



3A60AA



7A5097

# Triad

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



3A60AA



9C4A30



00724C

# Complementary

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



3A60AA



AA843A

# 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.



3A6E29



3A60AA



855915

# Square

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



3A60AA



A53F52



646510



007473

# Rectangle

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



3A60AA



934683



646510



007140



# Sweetspot

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



3A60AA



B1C1DE



3AAA83



555E70



F0F0F0



707070



# Same Dimension

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



3A60AA



2F6ADE



4B3AAA



4C4F54



003294



000714



# Inverse Universe

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



AA3A60



DE2F6A



99AA3A



544C4F



940032

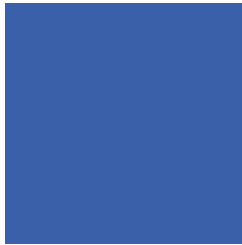


140007



# Previews

## White Background



This preview shows how the Hex color 3A60AA looks on a white background.

## Color Contrast Check

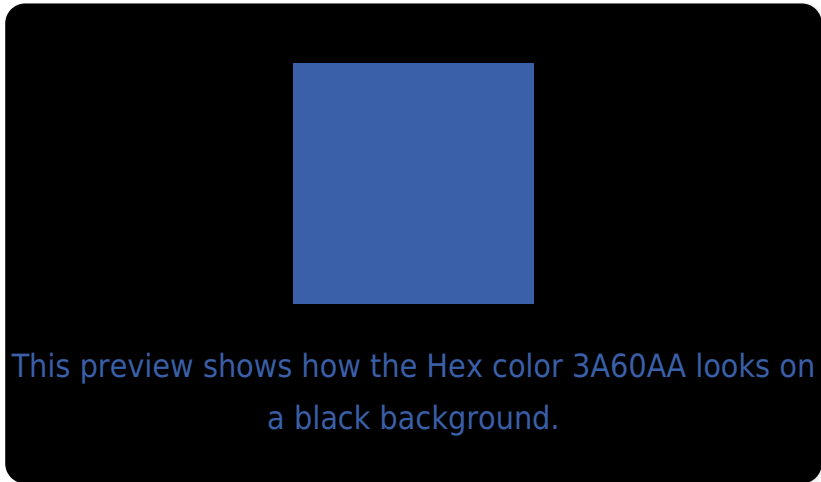
Large Text (above 18pt) WCAG AA ✓ Pass

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

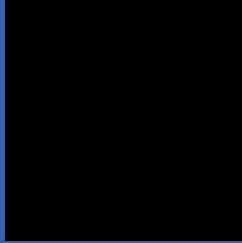
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A60AA Background



This preview shows how black text looks on a background with the Hex color 3A60AA.



This preview shows how white text looks on a background with the Hex color 3A60AA.

# 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**

3A60AA

**Protanopia**

405FA9

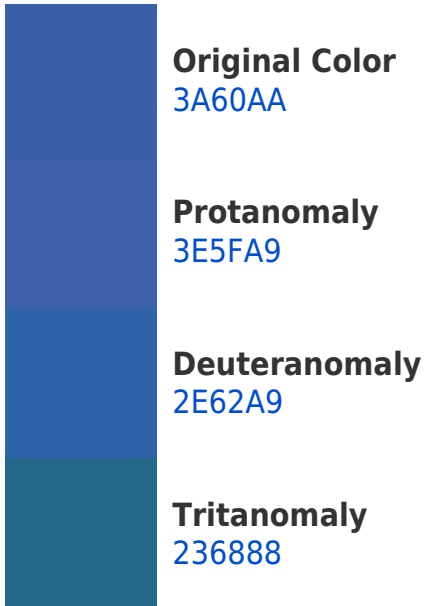
**Deuteranopia**

2763A9

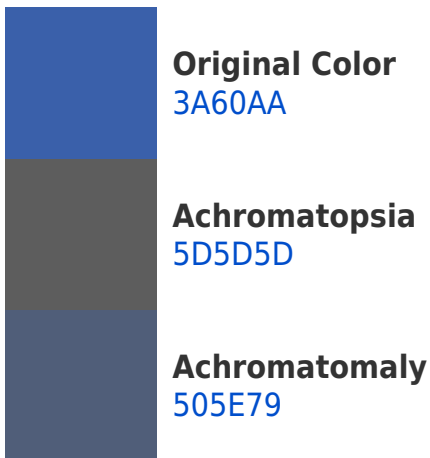


**Tritanopia**  
166C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A60AA 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 #3A60AA looks like.

```
.text, #text, p{  
    color:#3A60AA  
}
```

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 #3A60AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A60AA
}
```

## Border

The CSS property to change the border of an element to Hex 3A60AA 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
#3A60AA }
```

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

```
.border{ border-color:#3A60AA }
```

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

Here you see how a box with a 4 pixel #3A60AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A60AA; -webkit-box-shadow:4px 4px  
4px 4px #3A60AA; box-shadow:4px 4px 4px  
4px #3A60AA }
```

# Background

The CSS property to change the background color of an element to Hex 3A60AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A60AA }
```

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

```
.background{ background-color:#3A60AA }
```

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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