

Converting Colors

Hex(3A60AE)

Have a look what the booklet for
Hex(3A60AE) contains.

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Color

Hex(3A60AE)

Conversions

Conversions Part 1

Format	Color
Hex	3A60AE
RGB	58, 96, 174
RGB Percent	23%, 38%, 68%
CMY	0.7725, 0.6235, 0.3176
CMYK	0.67, 0.45, 0.00, 0.32
HSL	220°, 50%, 45%
HSV	220°, 67%, 68%
XYZ	13.5678, 12.3213, 41.7075
YIQ	93.5300, -47.6860, 16.2020

Conversions

Conversions Part 2

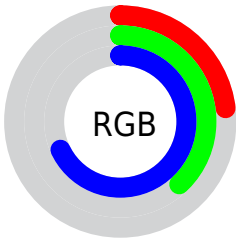
Format	Color
RYB	58, 87, 174
Decimal	3825838
CIELab	41.72, 12.51, -45.73
CIElCh	42, 47.409, 285.300
Yxy	12.3213, 0.2007, 0.1823
Android (android.graphics.Color)	4282015918 (0xFF3A60AE)
YUV	93.5300, 39.6717, -31.1598
Hunter-Lab	35.1017, 7.5673, -45.8768

Details

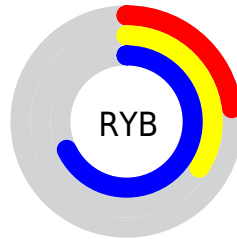
The Hex color **3A60AE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AE883A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7592E6**, and **003379** is the 20% darker color. If you saturate the color by 10%, you get **2954AE**, and if you desaturate by 10%, it is **4B6CAE**.

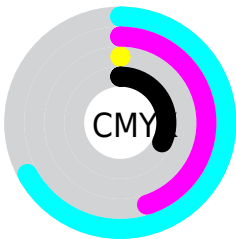
Distribution



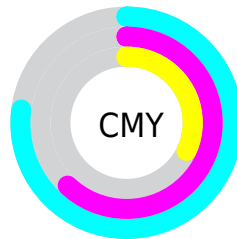
- Red (23%)
- Green (38%)
- Blue (68%)



- Red (23%)
- Yellow (34%)
- Blue (68%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)
- Black (32%)



- Cyan (77%)
- Magenta (62%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A60AE 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 3A60AE by changing the saturation by 10% instead.

■ 3A60AE

■ 3A60AE

FFFFFF

■ 134993

■ 7592E6

■ 003379

■ 91ADFF

■ 001E60

■ AEC8FF

■ 000547

■ CBE4FF

■ 000430

■ E9FFFF

■ 00011A

■ 000000

■ 3A60AE

■ 3A60AE

■ 2954AE

■ 4B6CAE

■ 1749AE

■ 5D77AE

■ 063DAE

■ 6E83AE

■ 0039AE

■ 808FAE

■ 919BAE

■ A2A6AE

■ B4B2AE

■ C5BEAE

■ D7C9AE

Harmonies

Analogous

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



006CAE



3A60AE



7E4F9A

Triad

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



3A60AE



9F492C



00744D

Complementary

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



3A60AE



AE883A

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.



356F28



3A60AE



865A0F

Square

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



3A60AE



A93D50



636709



007576

Rectangle

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



3A60AE



974484



636709



007240

Sweetspot

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



3A60AE



B6C4E3



3AAE87



576073



F2F2F2



737373

Same Dimension

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



3A60AE



2D69E3



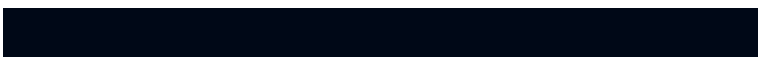
4D3AAE



4E5157



003196



000817

Inverse Universe

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



AE3A60



E32D69



9BAE3A



574E51



960031



170008

Previews

White Background



This preview shows how the Hex color 3A60AE looks on a white background.

Color Contrast Check

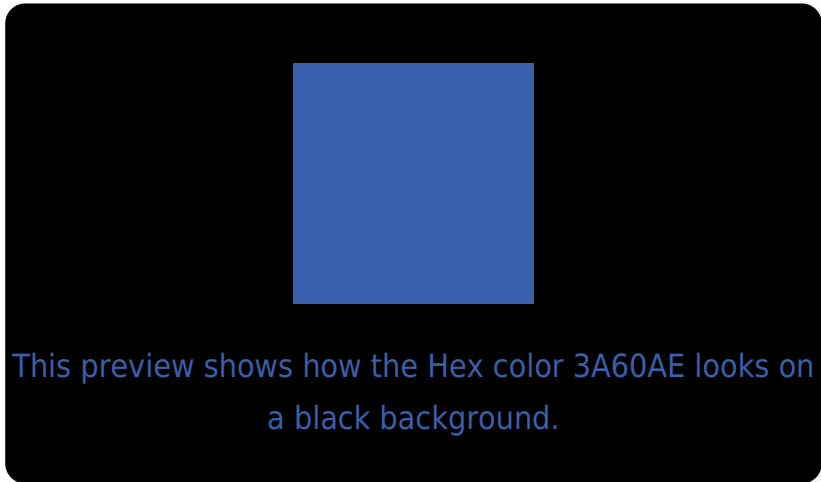
Large Text (above 18pt) WCAG AA ✓ Pass

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

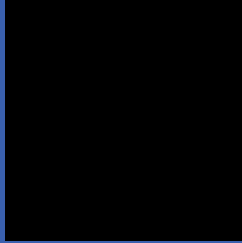
Any Text WCAG AA × Fail

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 3A60AE Background



This preview shows how black text looks on a background with the Hex color 3A60AE.

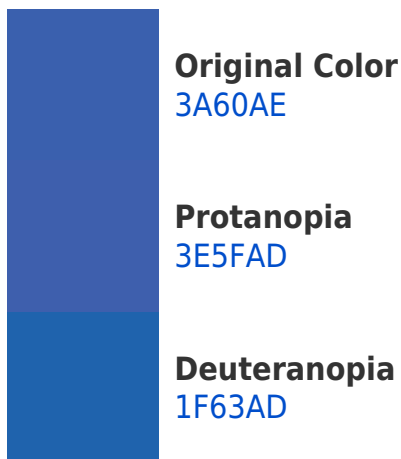


This preview shows how white text looks on a background with the Hex color 3A60AE.

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](#).

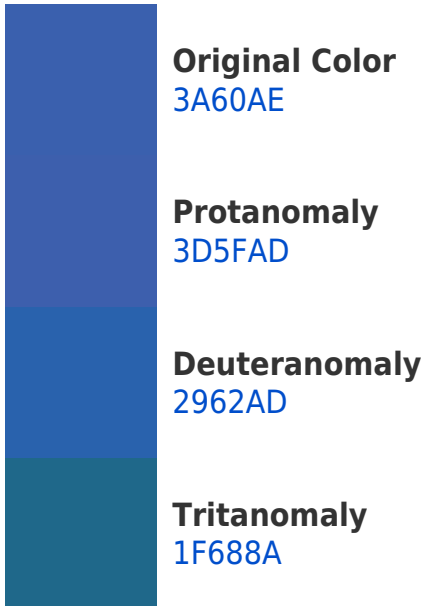
Dichromacy



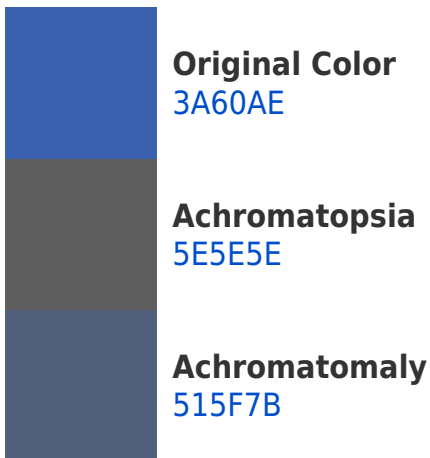


Tritanopia
0F6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A60AE 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 #3A60AE looks like.

```
.text, #text, p{  
    color:#3A60AE  
}
```

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 #3A60AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A60AE
}
```

Border

The CSS property to change the border of an element to Hex 3A60AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

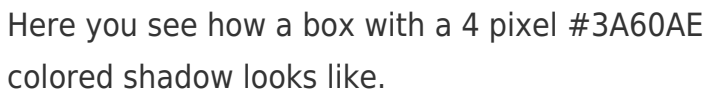
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A60AE }
```

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

```
.border{ border-color:#3A60AE }
```

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



Here you see how a box with a 4 pixel #3A60AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A60AE; -webkit-box-shadow:4px 4px  
4px 4px #3A60AE; box-shadow:4px 4px 4px  
4px #3A60AE }
```

Background

The CSS property to change the background color of an element to Hex 3A60AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A60AE }
```

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

```
.background{ background-color:#3A60AE }
```

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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