

Converting Colors

Hex(3A5A8B)

Have a look what the booklet for
Hex(3A5A8B) contains.

Hex(3A5A8B)	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(3A5A8B)

Conversions

Conversions Part 1

Format	Color
Hex	3A5A8B
RGB	58, 90, 139
RGB Percent	23%, 35%, 55%
CMY	0.7725, 0.6471, 0.4549
CMYK	0.58, 0.35, 0.00, 0.45
HSL	216°, 41%, 39%
HSV	216°, 58%, 55%
XYZ	10.0613, 10.0759, 25.8407
YIQ	86.0180, -34.8010, 8.4550

Conversions

Conversions Part 2

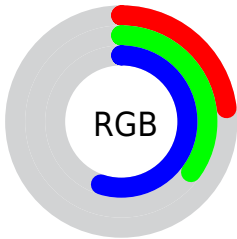
Format	Color
R_{YB}	58, 81, 139
Decimal	3824267
CIE _{Lab}	37.98, 3.86, -30.76
CIE _{LCh}	38, 31.001, 277.150
Yxy	10.0759, 0.2188, 0.2191
Android (android.graphics.Color)	4282014347 (0xFF3A5A8B)
YUV	86.0180, 26.1201, -24.5718
Hunter-Lab	31.7426, 1.0285, -26.0462

Details

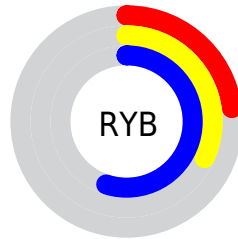
The Hex color **3A5A8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B6B3A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6F8CC1**, and **002D59** is the 20% darker color. If you saturate the color by 10%, you get **2C528B**, and if you desaturate by 10%, it is **48628B**.

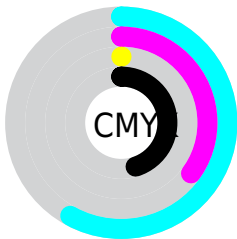
Distribution



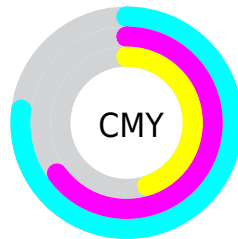
- Red (23%)
- Green (35%)
- Blue (55%)



- Red (23%)
- Yellow (32%)
- Blue (55%)



- Cyan (58%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (77%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5A8B 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 3A5A8B by changing the saturation by 10% instead.

■ 3A5A8B

■ 3A5A8B

FFFFFF

■ 1D4371

■ 6F8CC1

■ 002D59

■ 8AA6DD

■ 001941

■ A6C1F9

■ 00032B

■ C2DDFF

■ 000115

■ DFF9FF

■ 000000

■ FCFFFF

■ 3A5A8B

■ 3A5A8B

■ 2C528B

■ 48628B

■ 1E498B

■ 566B8B

■ 10418B

■ 64738B

■ 02388B

■ 727C8B

■ 00378B

■ 7F848B

■ 8D8C8B

■ 9B958B

■ A99D8B

■ B7A68B

Harmonies

Analogous

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



006187



3A5A8B



635081

Triad

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



3A5A8B



86493C



256545

Complementary

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



3A5A8B



8B6B3A

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.



486130



3A5A8B



78512B

Square

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



3A5A8B



884454



635A26



00665F

Rectangle

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



3A5A8B



764A75



635A26



32643D

Sweetspot

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



3A5A8B



96A2B5



3A8B6B



49515C



DBDBDB



5C5C5C

Same Dimension

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



3A5A8B



3668B5



423A8B



3E4145



003485



000205

Inverse Universe

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



8B3A5A



B53668



838B3A



453E41



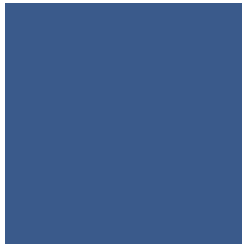
850034



050002

Previews

White Background



This preview shows how the Hex color 3A5A8B looks on a white background.

Color Contrast Check

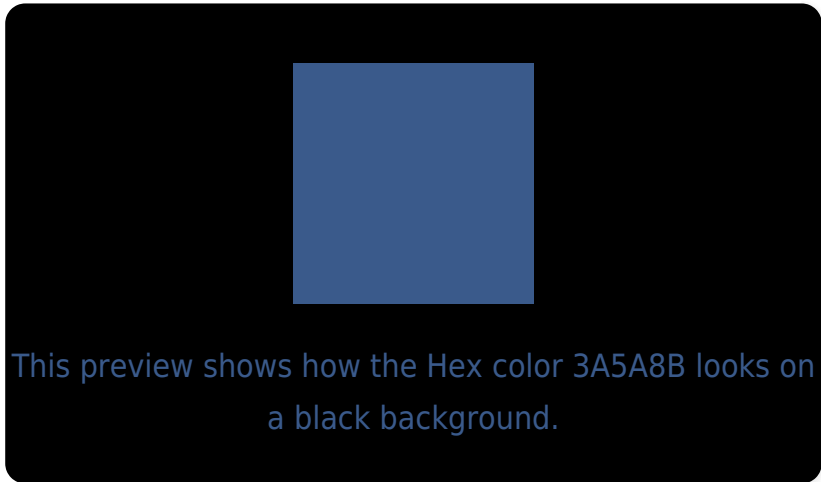
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A5A8B Background



This preview shows how black text looks on a background with the Hex color 3A5A8B.



This preview shows how white text looks on a background with the Hex color 3A5A8B.

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
3A5A8B

Protanopia
475789

Deuteranopia
3F598B



Tritanopia
2C6169

Trichromacy



Original Color
3A5A8B

Protanomaly
42588A

Deuteranomaly
3D598B

Tritanomaly
315E75

Monochromacy



Original Color
3A5A8B

Achromatopsia
565656

Achromatomaly
4C5769

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5A8B 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 #3A5A8B looks like.

```
.text, #text, p{  
    color:#3A5A8B  
}
```

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 #3A5A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5A8B
}
```

Border

The CSS property to change the border of an element to Hex 3A5A8B 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
#3A5A8B }
```

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

```
.border{ border-color:#3A5A8B }
```

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

Here you see how a box with a 4 pixel #3A5A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5A8B; -webkit-box-shadow:4px 4px  
4px 4px #3A5A8B; box-shadow:4px 4px 4px  
4px #3A5A8B }
```

Background

The CSS property to change the background color of an element to Hex 3A5A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5A8B }
```

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

```
.background{ background-color:#3A5A8B }
```

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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