

Converting Colors

Hex(3A5A8A)

Have a look what the booklet for
Hex(3A5A8A) contains.

Hex(3A5A8A)	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(3A5A8A)

Conversions

Conversions Part 1

Format	Color
Hex	3A5A8A
RGB	58, 90, 138
RGB Percent	23%, 35%, 54%
CMY	0.7725, 0.6471, 0.4588
CMYK	0.58, 0.35, 0.00, 0.46
HSL	216°, 41%, 38%
HSV	216°, 58%, 54%
XYZ	9.9885, 10.0468, 25.4575
YIQ	85.9040, -34.4800, 8.1440

Conversions

Conversions Part 2

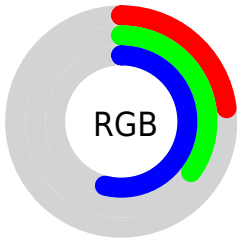
Format	Color
R_{YB}	58, 81, 138
Decimal	3824266
CIE _{Lab}	37.93, 3.51, -30.23
CIE _{LCh}	38, 30.437, 276.624
Yxy	10.0468, 0.2196, 0.2208
Android (android.graphics.Color)	4282014346 (0xFF3A5A8A)
YUV	85.9040, 25.6833, -24.4718
Hunter-Lab	31.6968, 0.7810, -25.4316

Details

The Hex color **3A5A8A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A6A3A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6F8CC0**, and **002D58** is the 20% darker color. If you saturate the color by 10%, you get **2C528A**, and if you desaturate by 10%, it is **48628A**.

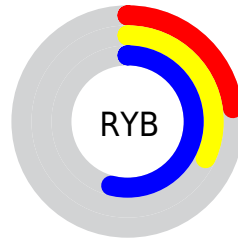
Distribution



Red (23%)

Green (35%)

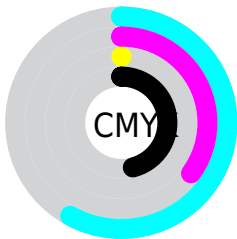
Blue (54%)



Red (23%)

Yellow (32%)

Blue (54%)

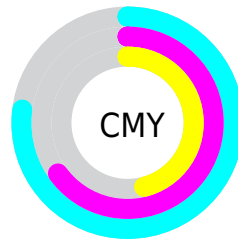


Cyan (58%)

Magenta (35%)

Yellow (0%)

Black (46%)



Cyan (77%)

Magenta (65%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5A8A 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 3A5A8A by changing the saturation by 10% instead.

■ 3A5A8A

■ 3A5A8A

FFFFFF

■ 1D4370

■ 6F8CC0

■ 002D58

■ 8AA6DC

■ 001940

■ A6C1F8

■ 00032A

■ C2DDFF

■ 000114

■ DFF9FF

■ 000000

■ FCFFFF

■ 3A5A8A

■ 3A5A8A

■ 2C528A

■ 48628A

■ 1E498A

■ 566B8A

■ 11418A

■ 63738A

■ 03398A

■ 717B8A

■ 00378A

■ 7F838A

■ 8D8C8A

■ 9B948A

■ A89C8A

■ B6A58A

Harmonies

Analogous

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



006186



3A5A8A



635181

Triad

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



3A5A8A



85493D



276445

Complementary

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



3A5A8A



8A6A3A

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.



496030



3A5A8A



78512C

Square

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



3A5A8A



874555



635A27



00665E

Rectangle

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



3A5A8A



754B75



635A27



34633D

Sweetspot

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



3A5A8A



94A0B3



3A8A6A



474F59



D9D9D9



595959

Same Dimension

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



3A5A8A



3668B3



423A8A



3E4145



003585



000205

Inverse Universe

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



8A3A5A



B33668



828A3A



453E41



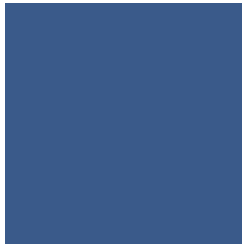
850035



050002

Previews

White Background



This preview shows how the Hex color 3A5A8A looks on a white background.

Color Contrast Check

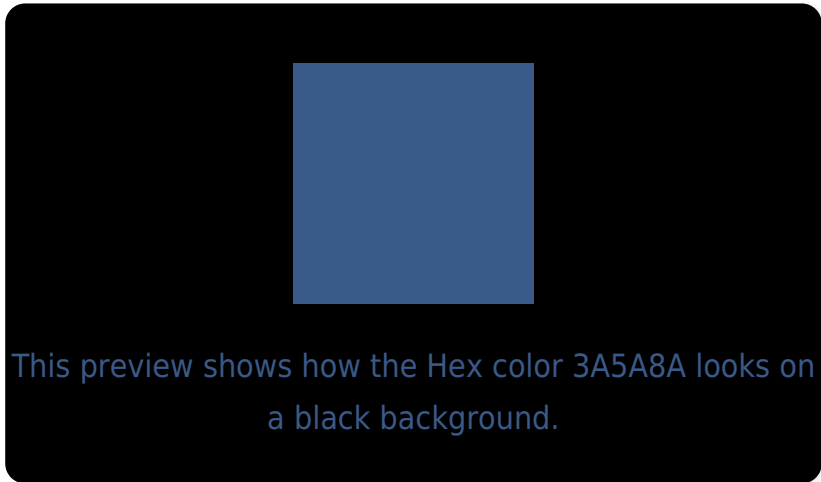
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A5A8A Background



This preview shows how black text looks on a background with the Hex color 3A5A8A.



This preview shows how white text looks on a background with the Hex color 3A5A8A.

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
3A5A8A

Protanopia
485788

Deuteranopia
3F598A



Tritanopia
2C6169

Trichromacy



Original Color

3A5A8A

Protanomaly

435889

Deuteranomaly

3D598A

Tritanomaly

315E75

Monochromacy



Original Color

3A5A8A

Achromatopsia

565656

Achromatomaly

4C5769

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5A8A 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 #3A5A8A looks like.

```
.text, #text, p{  
    color:#3A5A8A  
}
```

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 #3A5A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5A8A
}
```

Border

The CSS property to change the border of an element to Hex 3A5A8A 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
#3A5A8A }
```

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

```
.border{ border-color:#3A5A8A }
```

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

Here you see how a box with a 4 pixel #3A5A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5A8A; -webkit-box-shadow:4px 4px  
4px 4px #3A5A8A; box-shadow:4px 4px 4px  
4px #3A5A8A }
```

Background

The CSS property to change the background color of an element to Hex 3A5A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5A8A }
```

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

```
.background{ background-color:#3A5A8A }
```

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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