

Converting Colors

Hex(345A8C)

Have a look what the booklet for
Hex(345A8C) contains.

Hex(345A8C)	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(345A8C)

Conversions

Conversions Part 1

Format	Color
Hex	345A8C
RGB	52, 90, 140
RGB Percent	20%, 35%, 55%
CMY	0.7961, 0.6471, 0.4510
CMYK	0.63, 0.36, 0.00, 0.45
HSL	214°, 46%, 38%
HSV	214°, 63%, 55%
XYZ	9.8060, 9.9358, 26.2119
YIQ	84.3380, -38.6980, 7.4940

Conversions

Conversions Part 2

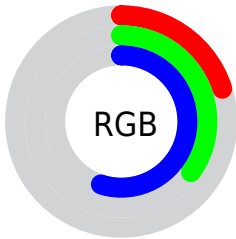
Format	Color
RYB	52, 79, 140
Decimal	3431052
CIELab	37.73, 2.92, -31.78
CIELCh	38, 31.917, 275.256
Yxy	9.9358, 0.2134, 0.2162
Android (android.graphics.Color)	4281621132 (0xFF345A8C)
YUV	84.3380, 27.4414, -28.3604
Hunter-Lab	31.5212, 0.3677, -27.2387

Details

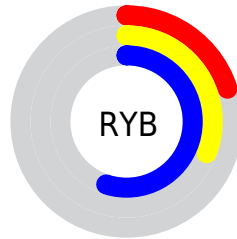
The Hex color **345A8C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C6634**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6B8CC2**, and **002D59** is the 20% darker color. If you saturate the color by 10%, you get **26528C**, and if you desaturate by 10%, it is **42628C**.

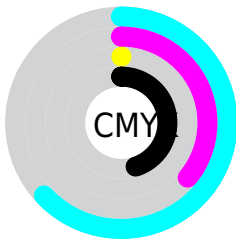
Distribution



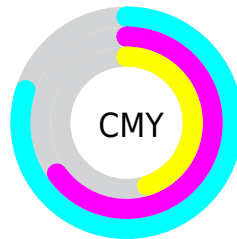
- Red (20%)
- Green (35%)
- Blue (55%)



- Red (20%)
- Yellow (31%)
- Blue (55%)



- Cyan (63%)
- Magenta (36%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345A8C 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 345A8C by changing the saturation by 10% instead.

■ 345A8C

■ 345A8C

FFFFFF

■ 144372

■ 6B8CC2

■ 002D59

■ 86A6DE

■ 001942

■ A1C1FB

■ 00032B

■ BEDDFF

■ 000116

■ DAF9FF

■ 000000

■ F8FFFF

■ 345A8C

■ 345A8C

■ 26528C

■ 42628C

■ 184A8C

■ 506A8C

■ 0A428C

■ 5E728C

■ 003C8C

■ 6C7A8C

■ 7A828C

■ 888A8C

■ 96928C

■ A49A8C

■ B2A28C

Harmonies

Analogous

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



006187



345A8C



615083

Triad

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



345A8C



87473C



256442

Complementary

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



345A8C



8C6634

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.



49602D



345A8C



79502A

Square

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



345A8C



894355



645923



00665D

Rectangle

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



345A8C



754A76



645923



33633A

Sweetspot

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



345A8C



93A2B5



348C66



47505C



DBDBDB



5C5C5C

Same Dimension

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



345A8C



2D68B5



3A348C



3E4145



003985



000205

Inverse Universe

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



8C345A



B52D68



868C34



453E41



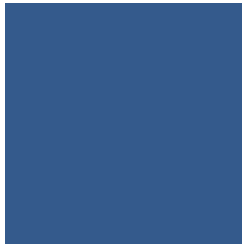
850039



050002

Previews

White Background



This preview shows how the Hex color 345A8C looks on a white background.

Color Contrast Check

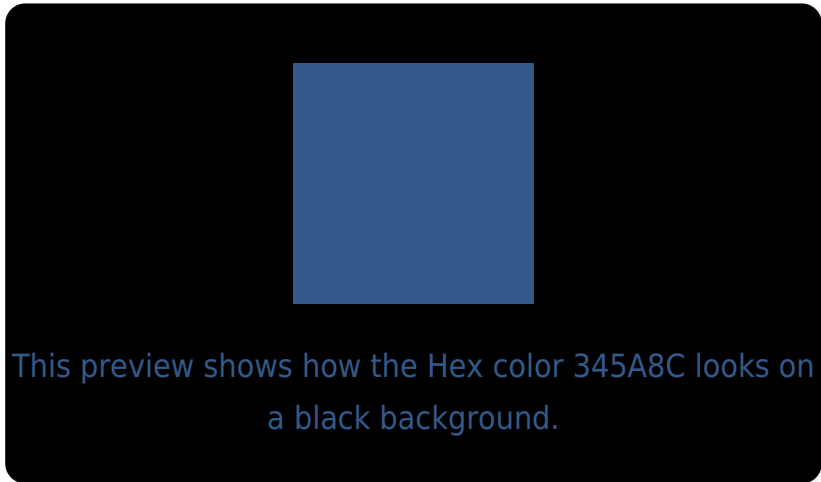
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 345A8C Background



This preview shows how black text looks on a background with the Hex color 345A8C.



This preview shows how white text looks on a background with the Hex color 345A8C.

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
345A8C

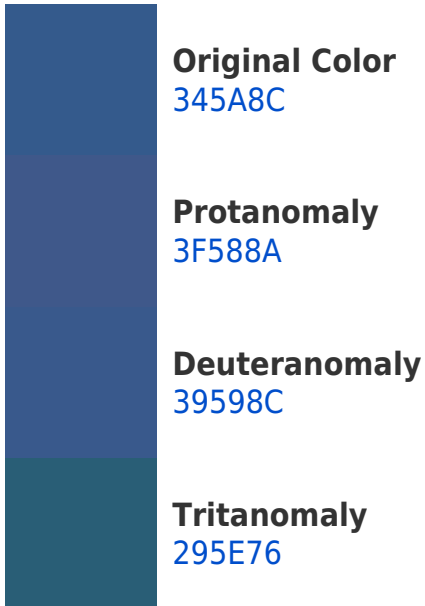
Protanopia
465789

Deuteranopia
3C598C



Tritanopia
226169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 345A8C 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 #345A8C looks like.

```
.text, #text, p{  
    color:#345A8C  
}
```

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 #345A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345A8C
}
```

Border

The CSS property to change the border of an element to Hex 345A8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

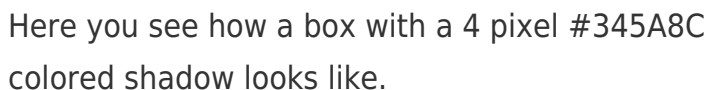
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#345A8C }
```

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

```
.border{ border-color:#345A8C }
```

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



Here you see how a box with a 4 pixel #345A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345A8C; -webkit-box-shadow:4px 4px  
4px 4px #345A8C; box-shadow:4px 4px 4px  
4px #345A8C }
```

Background

The CSS property to change the background color of an element to Hex 345A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345A8C }
```

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

```
.background{ background-color:#345A8C }
```

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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