

Converting Colors

Hex(345279)

Have a look what the booklet for
Hex(345279) contains.

Hex(345279)	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(345279)

Conversions

Conversions Part 1

Format	Color
Hex	345279
RGB	52, 82, 121
RGB Percent	20%, 32%, 47%
CMY	0.7961, 0.6784, 0.5255
CMYK	0.57, 0.32, 0.00, 0.53
HSL	214°, 40%, 34%
HSV	214°, 57%, 47%
XYZ	7.8847, 8.1451, 19.2458
YIQ	77.4760, -30.3990, 5.7690

Conversions

Conversions Part 2

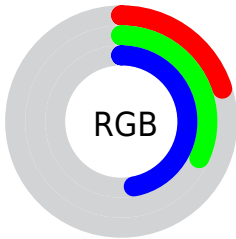
Format	Color
RYB	52, 73, 121
Decimal	3428985
CIELab	34.28, 1.33, -25.55
CIELCh	34, 25.581, 272.971
Yxy	8.1451, 0.2235, 0.2309
Android (android.graphics.Color)	4281619065 (0xFF345279)
YUV	77.4760, 21.4573, -22.3425
Hunter-Lab	28.5397, -0.6302, -20.0045

Details

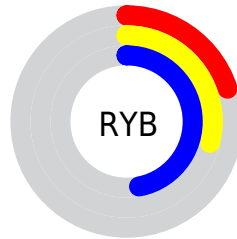
The Hex color **345279** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795B34**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6883AE**, and **002648** is the 20% darker color. If you saturate the color by 10%, you get **284B79**, and if you desaturate by 10%, it is **405979**.

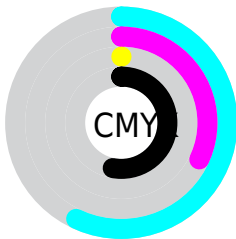
Distribution



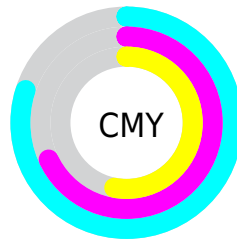
- Red (20%)
- Green (32%)
- Blue (47%)



- Red (20%)
- Yellow (29%)
- Blue (47%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345279 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 345279 by changing the saturation by 10% instead.

■ 345279

■ 345279

FFFFFF

■ 183B60

■ 6883AE

■ 002648

■ 829DC9

■ 001131

■ 9DB8E5

■ 00021C

■ B9D4FF

■ 000000

■ D5F0FF

■ F2FFFF

■ 345279

■ 345279

■ 284B79

■ 405979

■ 1C4479

■ 4C6079

■ 103D79

■ 586779

■ 043779

■ 646D79

■ 003579

■ 707479

■ 7D7B79

■ 898279

■ 958979

■ A19079

Harmonies

Analogous

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



005874



345279



554B73

Triad

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



345279



76433C



2D5A3D

Complementary

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



345279



795B34

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.



46562E



345279



6C492D

Square

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



345279



77404F



5B5027



025B52

Rectangle

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



345279



654669



5B5027



365937

Sweetspot

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



345279



838F9E



34795A



3F464F



CFCFCF



4F4F4F

Same Dimension

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



345279



33619E



373479



373A3D



00367D



006EFC

Inverse Universe

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



793452



9E3361



767934



3D373A



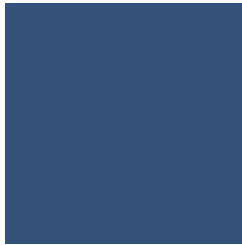
7D0036



FC006E

Previews

White Background



This preview shows how the Hex color 345279 looks on a white background.

Color Contrast Check

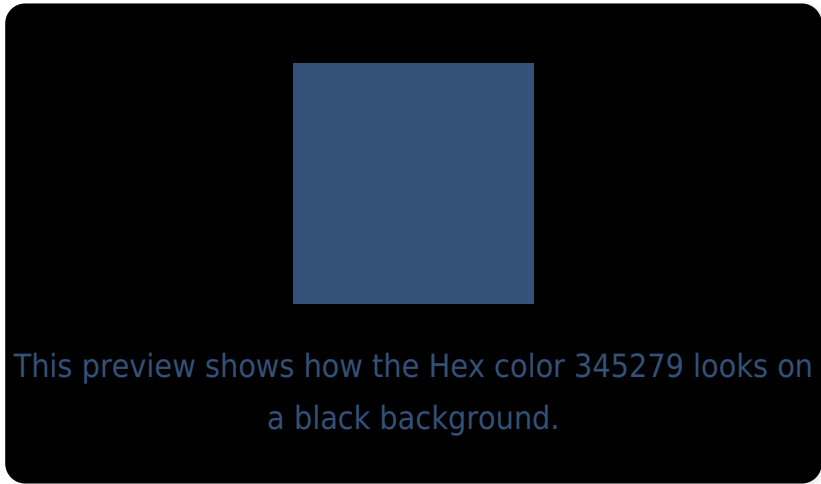
Large Text (above 18pt) WCAG AA ✓ Pass

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 345279 Background



This preview shows how black text looks on a background with the Hex color 345279.

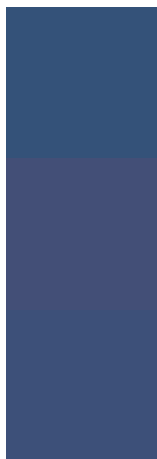


This preview shows how white text looks on a background with the Hex color 345279.

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

345279

Protanopia

434F77

Deuteranopia

3D5079

Trichromacy



Original Color
345279

Protanomaly
3E5078

Deuteranomaly
3A5179

Tritanomaly
2D5568

Monochromacy



Original Color
345279

Achromatopsia
4D4D4D

Achromatomaly
444F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 345279 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 #345279 looks like.

```
.text, #text, p{  
    color:#345279  
}
```

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 #345279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345279
}
```

Border

The CSS property to change the border of an element to Hex 345279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

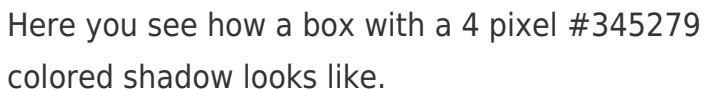
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#345279 }
```

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

```
.border{ border-color:#345279 }
```

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



Here you see how a box with a 4 pixel #345279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345279; -webkit-box-shadow:4px 4px  
4px 4px #345279; box-shadow:4px 4px 4px  
4px #345279 }
```

Background

The CSS property to change the background color of an element to Hex 345279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345279 }
```

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

```
.background{ background-color:#345279 }
```

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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