

Converting Colors

Hex(345287)

Have a look what the booklet for
Hex(345287) contains.

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Color

Hex(345287)

Conversions

Conversions Part 1

Format	Color
Hex	345287
RGB	52, 82, 135
RGB Percent	20%, 32%, 53%
CMY	0.7961, 0.6784, 0.4706
CMYK	0.61, 0.39, 0.00, 0.47
HSL	218°, 44%, 37%
HSV	218°, 61%, 53%
XYZ	8.8066, 8.5139, 24.1009
YIQ	79.0720, -34.8930, 10.1230

Conversions

Conversions Part 2

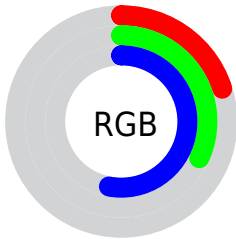
Format	Color
RYB	52, 74, 135
Decimal	3428999
CIELab	35.03, 6.29, -33.00
CIELCh	35, 33.592, 280.795
Yxy	8.5139, 0.2126, 0.2055
Android (android.graphics.Color)	4281619079 (0xFF345287)
YUV	79.0720, 27.5725, -23.7421
Hunter-Lab	29.1786, 2.8120, -28.5471




Details

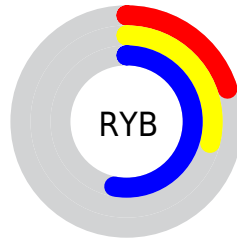
The Hex color **345287** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **876934**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **6A83BD**, and **002655** is the 20% darker color. If you saturate the color by 10%, you get **274987**, and if you desaturate by 10%, it is **425B87**.

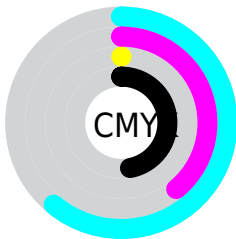
Distribution







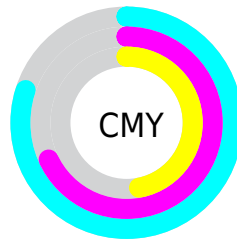
-  Red (20%)
-  Green (32%)
-  Blue (53%)






-  Red (20%)
-  Yellow (29%)
-  Blue (53%)



-  Cyan (61%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (80%)
-  Magenta (68%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345287 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 345287 by changing the saturation by 10% instead.

■ 345287

■ 345287

FFFFFF

■ 153B6D

■ 6A83BD

■ 002655

■ 859DD9

■ 00113D

■ A0B8F5

■ 000327

■ BCD3FF

■ 000110

■ D9F0FF

■ 000000

■ F6FFFF

■ 345287

■ 345287

■ 274987

■ 425B87

■ 194187

■ 4F6387

■ 0B3887

■ 5D6C87

■ 003187

■ 6A7487

■ 787D87

■ 858687

■ 938E87

■ A09787

■ AEA087

Harmonies

Analogous

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



005A85



345287



61477B

Triad

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



345287



7F4131



085E40

Complementary

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



345287



876934

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.



3B5B28



345287



704B1F

Square

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



345287



843B4A



58541B



00605C

Rectangle

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



345287



74406D



58541B



215E37

Sweetspot

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



345287



909CB0



348769



464D59



D9D9D9



595959

Same Dimension

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



345287



2E5DB0



3F3487



3C3E42



002F82



000103

Inverse Universe

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



873452



B02E5D



7C8734



423C3E



82002F



030001

Previews

White Background



This preview shows how the Hex color 345287 looks on a white background.

Color Contrast Check

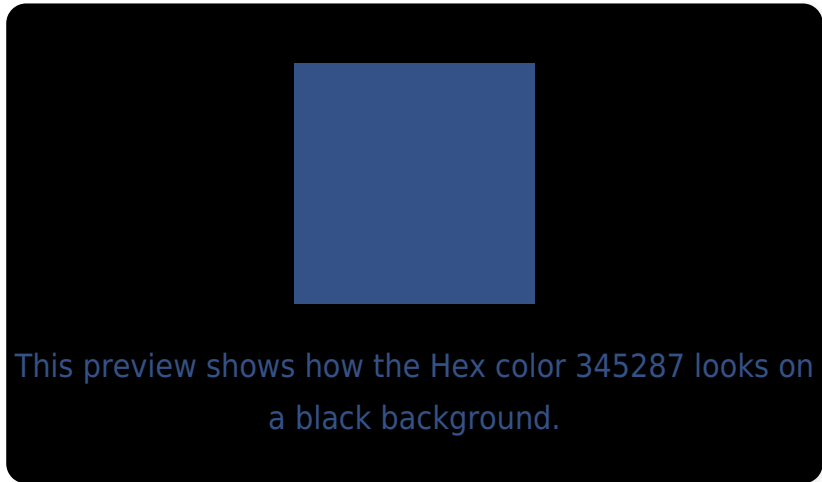
Large Text (above 18pt) WCAG AA ✓ Pass

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 345287 Background



This preview shows how black text looks on a background with the Hex color 345287.



This preview shows how white text looks on a background with the Hex color 345287.

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
345287

Protanopia
3D5086

Deuteranopia
315387



Tritanopia
225A61

Trichromacy



Original Color
345287

Protanomaly
3A5186

Deuteranomaly
325387

Tritanomaly
29576F

Monochromacy



Original Color
345287

Achromatopsia
4F4F4F

Achromatomaly
455063

CSS Examples

Text

The CSS property to change the color of the text to Hex 345287 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 #345287 looks like.

```
.text, #text, p{  
    color:#345287  
}
```

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 #345287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345287
}
```

Border

The CSS property to change the border of an element to Hex 345287 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
#345287 }
```

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

```
.border{ border-color:#345287 }
```

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

Here you see how a box with a 4 pixel #345287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345287; -webkit-box-shadow:4px 4px  
4px 4px #345287; box-shadow:4px 4px 4px  
4px #345287 }
```

Background

The CSS property to change the background color of an element to Hex 345287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345287 }
```

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

```
.background{ background-color:#345287 }
```

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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