

Converting Colors

Hex(345488)

Have a look what the booklet for
Hex(345488) contains.

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Color

Hex(345488)

Conversions

Conversions Part 1

Format	Color
Hex	345488
RGB	52, 84, 136
RGB Percent	20%, 33%, 53%
CMY	0.7961, 0.6706, 0.4667
CMYK	0.62, 0.38, 0.00, 0.47
HSL	217°, 45%, 37%
HSV	217°, 62%, 53%
XYZ	9.0304, 8.8483, 24.5245
YIQ	80.3600, -35.7640, 9.3880

Conversions

Conversions Part 2

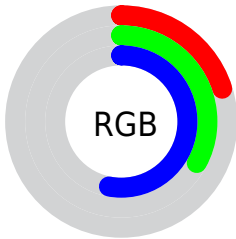
Format	Color
RYB	52, 75, 136
Decimal	3429512
CIELab	35.69, 5.35, -32.57
CIElCh	36, 33.002, 279.328
Yxy	8.8483, 0.2130, 0.2087
Android (android.graphics.Color)	4281619592 (0xFF345488)
YUV	80.3600, 27.4305, -24.8717
Hunter-Lab	29.7461, 2.1341, -28.0601




Details

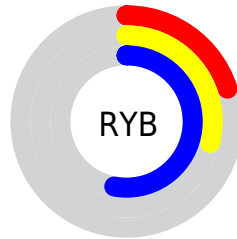
The Hex color **345488** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **886834**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **6A85BE**, and **002856** is the 20% darker color. If you saturate the color by 10%, you get **264C88**, and if you desaturate by 10%, it is **425C88**.

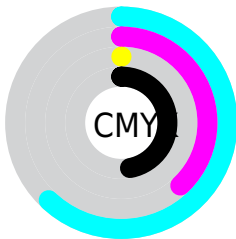
Distribution







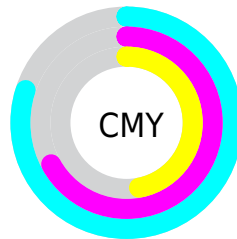
-  Red (20%)
-  Green (33%)
-  Blue (53%)






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



-  Cyan (62%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (80%)
-  Magenta (67%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345488 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 345488 by changing the saturation by 10% instead.

■ 345488

■ 345488

FFFFFF

■ 153D6E

■ 6A85BE

■ 002856

■ 859FDA

■ 00133E

■ A1BAF6

■ 000328

■ BDD6FF

■ 000112

■ D9F2FF

■ 000000

■ F6FFFF

■ 345488

■ 345488

■ 264C88

■ 425C88

■ 194388

■ 4F6588

■ 0B3B88

■ 5D6D88

■ 003488

■ 6A7688

■ 787E88

■ 868788

■ 938F88

■ A19788

■ AEA088

Harmonies

Analogous

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



005C85



345488



614A7D

Triad

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



345488



814234



136040

Complementary

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



345488



886834

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.



3F5C29



345488



724C22

Square

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



345488



853D4D



5B551D



00615C

Rectangle

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



345488



74436F



5B551D



265F38

Sweetspot

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



345488



8F9BB0



348868



454D59



D9D9D9



595959

Same Dimension

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



345488



2E5FB0



3E3488



3E4145



003385



000205

Inverse Universe

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



883454



B02E5F



7E8834



453E41



850033



050002

Previews

White Background



This preview shows how the Hex color 345488 looks on a white background.

Color Contrast Check

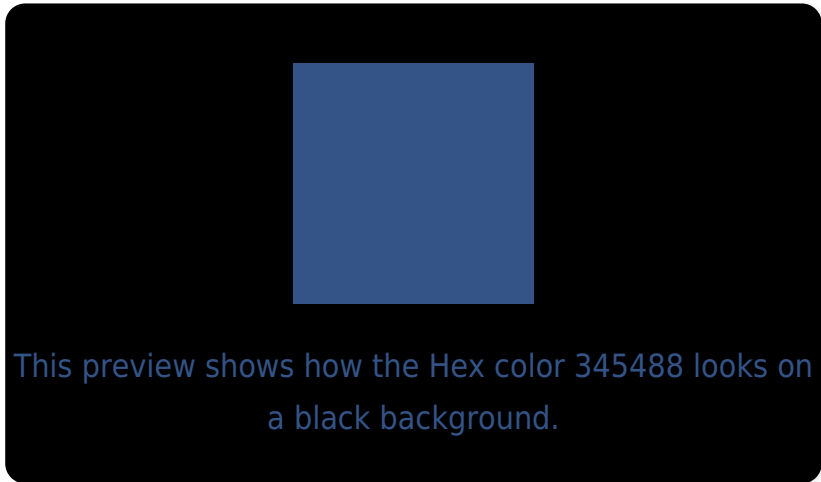
Large Text (above 18pt) WCAG AA ✓ Pass

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

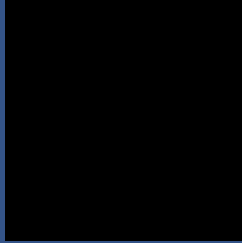
Any Text WCAG AA × Fail

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 345488 Background



This preview shows how black text looks on a background with the Hex color 345488.



This preview shows how white text looks on a background with the Hex color 345488.

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


345488

Protanopia

405286

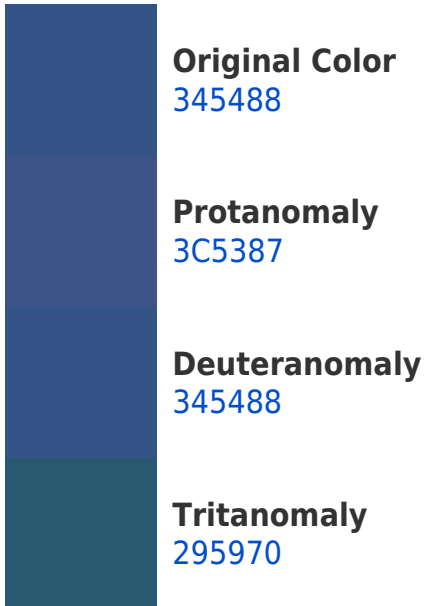
Deuteranopia

345488

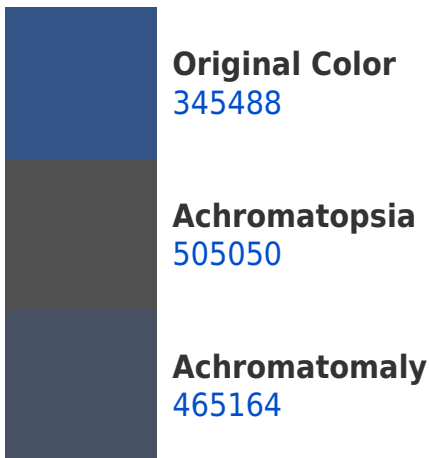


Tritanopia
225C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 345488 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 #345488 looks like.

```
.text, #text, p{  
    color:#345488  
}
```

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 #345488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345488
}
```

Border

The CSS property to change the border of an element to Hex 345488 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
#345488 }
```

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

```
.border{ border-color:#345488 }
```

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

Here you see how a box with a 4 pixel #345488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345488; -webkit-box-shadow:4px 4px  
4px 4px #345488; box-shadow:4px 4px 4px  
4px #345488 }
```

Background

The CSS property to change the background color of an element to Hex 345488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345488 }
```

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

```
.background{ background-color:#345488 }
```

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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