

Converting Colors

Hex(345298)

Have a look what the booklet for
Hex(345298) contains.

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Color

Hex(345298)

Conversions

Conversions Part 1

Format	Color
Hex	345298
RGB	52, 82, 152
RGB Percent	20%, 32%, 60%
CMY	0.7961, 0.6784, 0.4039
CMYK	0.66, 0.46, 0.00, 0.40
HSL	222°, 49%, 40%
HSV	222°, 66%, 60%
XYZ	10.1010, 9.0316, 30.9167
YIQ	81.0100, -40.3500, 15.4100

Conversions

Conversions Part 2

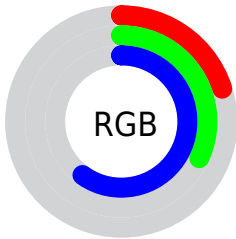
Format	Color
RYB	52, 75, 152
Decimal	3429016
CIELab	36.05, 12.50, -41.72
CIElCh	36, 43.554, 286.681
Yxy	9.0316, 0.2018, 0.1805
Android (android.graphics.Color)	4281619096 (0xFF345298)
YUV	81.0100, 34.9981, -25.4418
Hunter-Lab	30.0527, 7.4031, -39.9576

Details

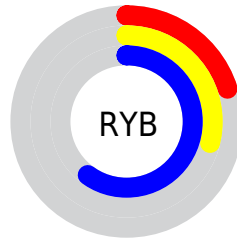
The Hex color **345298** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **987A34**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6D83CF**, and **002664** is the 20% darker color. If you saturate the color by 10%, you get **254798**, and if you desaturate by 10%, it is **435D98**.

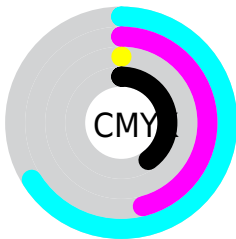
Distribution



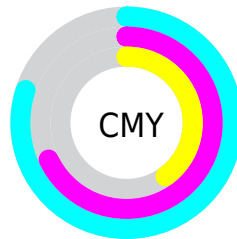
- Red (20%)
- Green (32%)
- Blue (60%)



- Red (20%)
- Yellow (29%)
- Blue (60%)



- Cyan (66%)
- Magenta (46%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345298 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 345298 by changing the saturation by 10% instead.

■ 345298

■ 345298

FFFFFF

■ 0F3B7E

■ 6D83CF

■ 002664

■ 899DEB

■ 00124C

■ A5B8FF

■ 000535

■ C1D3FF

■ 00021E

■ DEF0FF

■ 000001

■ FCFFFF

■ 000000

■ 345298

■ 345298

■ 254798

■ 435D98

■ 163D98

■ 526798

■ 063298

■ 627298

■ 002E98

■ 717D98

■ 808798

■ 8F9298

■ 9E9C98

■ AEA798

■ BDB298

Harmonies

Analogous

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



005D99



345298



6F4385

Triad

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



345298



8A3F23



006443

Complementary

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



345298



987A34

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.



2A6021



345298



734D08

Square

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



345298



943343



545905



006568

Rectangle

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



345298



853971



545905



006338

Sweetspot

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



345298



9DA9C4



34987A



4C5363



E3E3E3



636363

Same Dimension

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



345298



2958C4



483498



45474D



002A8C



00040D

Inverse Universe

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



983452



C42958



849834



4D4547



8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 345298 looks on a white background.

Color Contrast Check

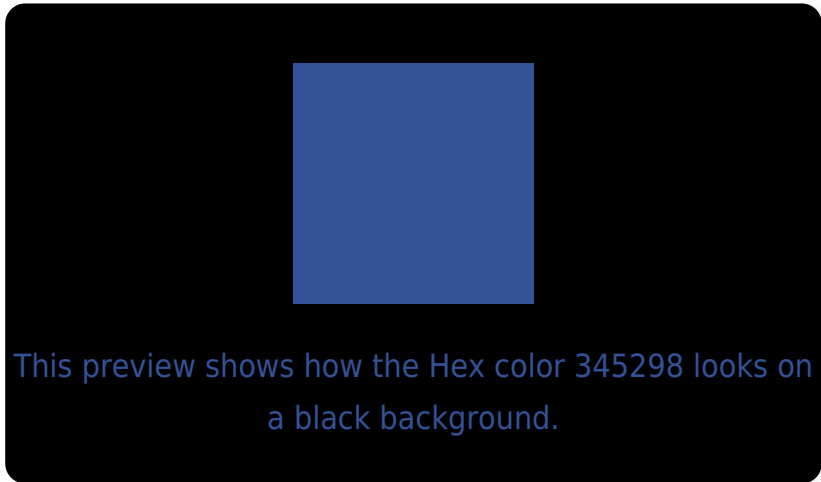
Large Text (above 18pt) WCAG AA ✓ Pass

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

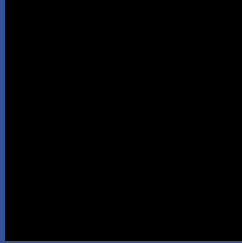
Any Text WCAG AA × Fail

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 345298 Background



This preview shows how black text looks on a background with the Hex color 345298.




This preview shows how white text looks on a background with the Hex color 345298.

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](#).

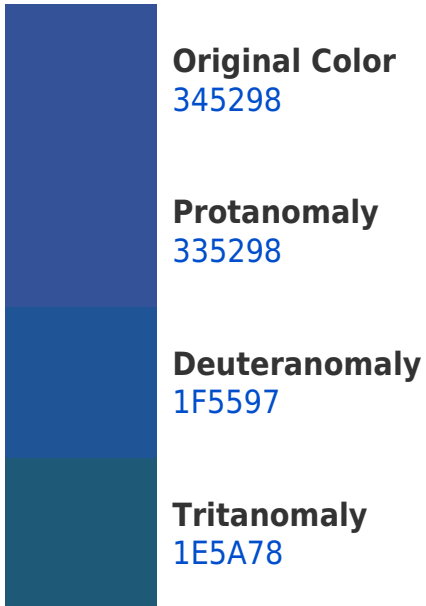
Dichromacy



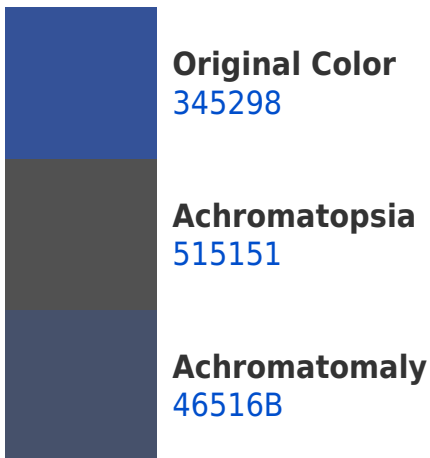


Tritanopia
115E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 345298 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 #345298 looks like.

```
.text, #text, p{  
    color:#345298  
}
```

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 #345298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345298
}
```

Border

The CSS property to change the border of an element to Hex 345298 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
#345298 }
```

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

```
.border{ border-color:#345298 }
```

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

Here you see how a box with a 4 pixel #345298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345298; -webkit-box-shadow:4px 4px  
4px 4px #345298; box-shadow:4px 4px 4px  
4px #345298 }
```

Background

The CSS property to change the background color of an element to Hex 345298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345298 }
```

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

```
.background{ background-color:#345298 }
```

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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