

Converting Colors

Hex(343468)

Have a look what the booklet for
Hex(343468) contains.

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Color

Hex(343468)

Conversions

Conversions Part 1

Format	Color
Hex	343468
RGB	52, 52, 104
RGB Percent	20%, 20%, 41%
CMY	0.7961, 0.7961, 0.5922
CMYK	0.50, 0.50, 0.00, 0.59
HSL	240°, 33%, 31%
HSV	240°, 50%, 41%
XYZ	5.1429, 4.1855, 13.6335
YIQ	57.9280, -16.6920, 16.1720

Conversions

Conversions Part 2

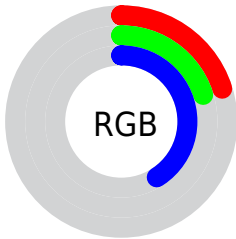
Format	Color
R_{YB}	52, 52, 104
Decimal	3421288
CIE _{Lab}	24.28, 15.51, -30.62
CIE _{LCh}	24, 34.322, 296.871
Yxy	4.1855, 0.2240, 0.1823
Android (android.graphics.Color)	4281611368 (0xFF343468)
YUV	57.9280, 22.7135, -5.1989
Hunter-Lab	20.4586, 9.0687, -25.1897

Details

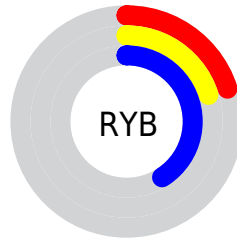
The Hex color **343468** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **686834**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **66629C**, and **010838** is the 20% darker color. If you saturate the color by 10%, you get **2A2A68**, and if you desaturate by 10%, it is **3E3E68**.

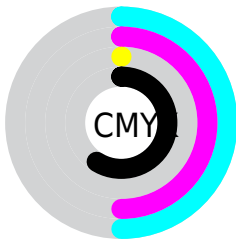
Distribution



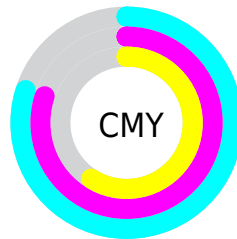
- Red (20%)
- Green (20%)
- Blue (41%)



- Red (20%)
- Yellow (20%)
- Blue (41%)



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)
- Black (59%)



- Cyan (80%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343468 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 343468 by changing the saturation by 10% instead.

■ 343468

■ 343468

FFFFFF

■ 1B1F50

■ 66629C

■ 010838

■ 807BB7

■ 000222

■ 9B95D2

■ 000009

■ B6B0EF

■ 000000

■ D2CBFF

■ EFE7FF

■ 343468

■ 343468

■ 2A2A68

■ 3E3E68

■ 1F1F68

■ 494968

■ 151568

■ 535368

■ 0A0A68

■ 5E5E68

■ 000068

■ 686868

■ 727268

■ 7D7D68

■ 878768

■ 929268

Harmonies

Analogous

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



003E6D



343468



562856

Triad

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



343468



5C2D0D



004536

Complementary

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



343468



686834

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.



06431C



343468



493800

Square

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



343468



672324



303F05



004650

Rectangle

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



343468



622246



303F05



00452D

Sweetspot

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



343468



737387



346868



383845



C4C4C4



454545

Same Dimension

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



343468



363687



4E3468



2E2E33



000073



0000F2

Inverse Universe

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



683468



873687



4E6834



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 343468 looks on a white background.

Color Contrast Check

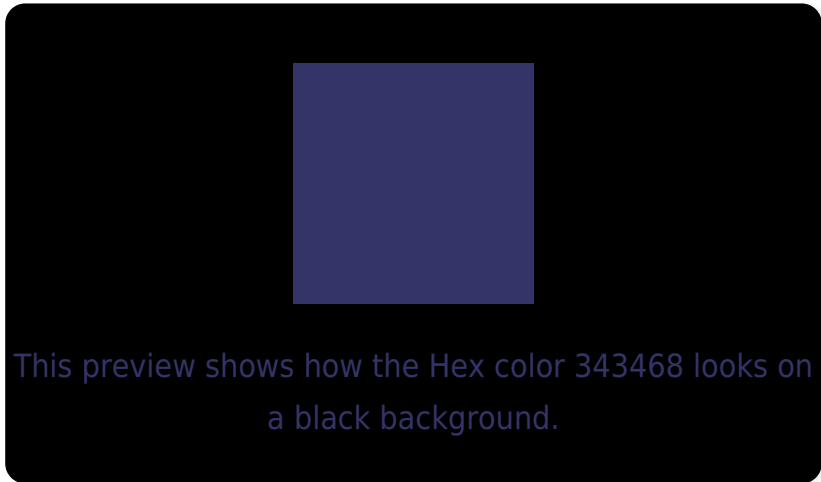
Large Text (above 18pt) WCAG AA ✓ Pass

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

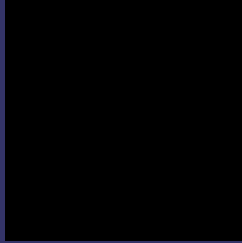
Any Text WCAG AA × Fail

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 343468 Background



This preview shows how black text looks on a background with the Hex color 343468.



This preview shows how white text looks on a background with the Hex color 343468.

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
343468

Protanopia
1E386C

Deuteranopia
113B66



Tritanopia
283D42

Trichromacy



Original Color

343468

Protanomaly

26376B

Deuteranomaly

1E3867

Tritanomaly

2C3A50

Monochromacy



Original Color

343468

Achromatopsia

3A3A3A

Achromatomaly

38384B

CSS Examples

Text

The CSS property to change the color of the text to Hex 343468 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 #343468 looks like.

```
.text, #text, p{  
    color:#343468  
}
```

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 #343468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343468
}
```

Border

The CSS property to change the border of an element to Hex 343468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

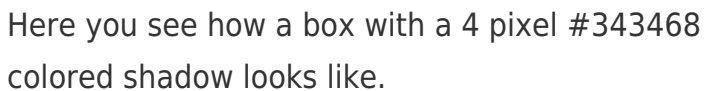
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343468 }
```

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

```
.border{ border-color:#343468 }
```

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



Here you see how a box with a 4 pixel #343468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343468; -webkit-box-shadow:4px 4px  
4px 4px #343468; box-shadow:4px 4px 4px  
4px #343468 }
```

Background

The CSS property to change the background color of an element to Hex 343468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343468 }
```

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

```
.background{ background-color:#343468 }
```

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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