

# Converting Colors

Hex(344066)

Have a look what the booklet for  
Hex(344066) contains.

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# Color

**Hex(344066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	344066
RGB	52, 64, 102
RGB Percent	20%, 25%, 40%
CMY	0.7961, 0.7490, 0.6000
CMYK	0.49, 0.37, 0.00, 0.60
HSL	226°, 32%, 30%
HSV	226°, 49%, 40%
XYZ	5.6478, 5.3562, 13.3065
YIQ	64.7440, -19.3500, 9.2740

# Conversions

## Conversions Part 2

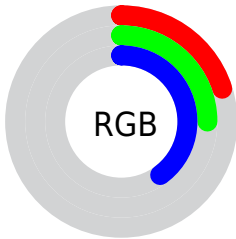
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 62, 102
Decimal	3424358
CIE <sub>Lab</sub>	27.73, 6.64, -23.86
CIE <sub>LCh</sub>	28, 24.766, 285.544
Yxy	5.3562, 0.2323, 0.2203
Android (android.graphics.Color)	4281614438 (0xFF344066)
YUV	64.7440, 18.3672, -11.1765
Hunter-Lab	23.1434, 3.0597, -17.8891

# Details

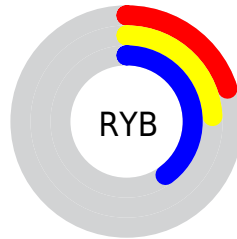
The Hex color **344066** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **665A34**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **657099**, and **011637** is the 20% darker color. If you saturate the color by 10%, you get **2A3866**, and if you desaturate by 10%, it is **3E4866**.

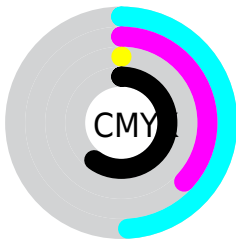
# Distribution



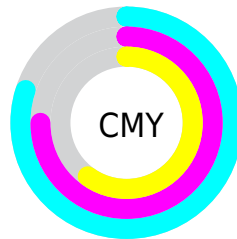
- Red (20%)
- Green (25%)
- Blue (40%)



- Red (20%)
- Yellow (24%)
- Blue (40%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (75%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 344066 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 344066 by changing the saturation by 10% instead.



■ 344066

■ 344066

FFFFFF

■ 1C2A4E

■ 657099

■ 011637

■ 7F89B4

■ 000221

■ 9AA3D0

■ 000007

■ B5BEEC

■ 000000

■ D1DAFF

■ EE66FF

■ 344066

■ 344066

■ 2A3866

■ 3E4866

■ 203066

■ 485066

■ 152966

■ 535766

■ 0B2166

■ 5D5F66

■ 011966

■ 676766

■ 001866

■ 716F66

■ 7B7666

■ 867E66

■ 908666

# Harmonies

## Analogous

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



014666



344066



50395C

# Triad

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



344066



613627



0F4B37

# Complementary

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



344066



665A34

# 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.



2E4826



344066



553D1C

# Square

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



344066



663238



43431C



004B4B

# Rectangle

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



344066



5C3452



43431C



1C4A31



# Sweetspot

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



344066



717585



34665A



363942



C2C2C2



424242



# Same Dimension

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



344066



364985



413466



2E2F33



001C73



003AF2



# Inverse Universe

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



663440



853649



5A6634



332E2F



73001C



F2003A



# Previews

## White Background



This preview shows how the Hex color 344066 looks on a white background.

## Color Contrast Check

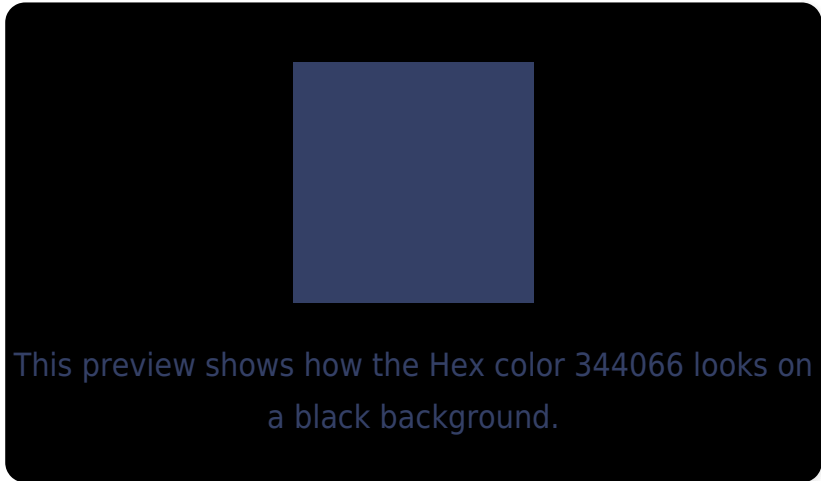
Large Text (above 18pt) WCAG AA ✓ Pass

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

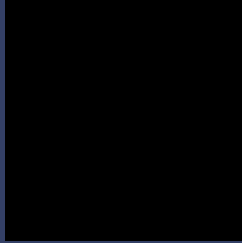
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 344066 Background



This preview shows how black text looks on a background with the Hex color 344066.



This preview shows how white text looks on a background with the Hex color 344066.

# 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**

344066

**Protanopia**

334066

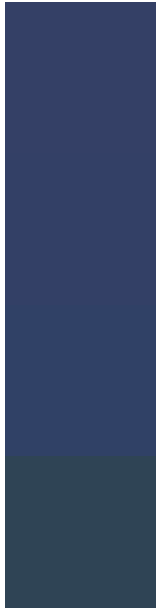
**Deuteranopia**

2E4166



**Tritanopia**  
2C464B

# Trichromacy



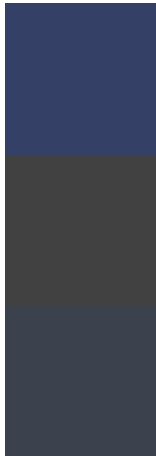
**Original Color**  
344066

**Protanomaly**  
334066

**Deuteranomaly**  
304166

**Tritanomaly**  
2F4455

# Monochromacy



**Original Color**  
344066

**Achromatopsia**  
414141

**Achromatomaly**  
3C414E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 344066 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 #344066 looks like.

```
.text, #text, p{  
    color:#344066  
}
```

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 #344066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344066
}
```

## Border

The CSS property to change the border of an element to Hex 344066 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
#344066 }
```

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

```
.border{ border-color:#344066 }
```

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

Here you see how a box with a 4 pixel #344066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344066; -webkit-box-shadow:4px 4px  
4px 4px #344066; box-shadow:4px 4px 4px  
4px #344066 }
```

# Background

The CSS property to change the background color of an element to Hex 344066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344066 }
```

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

```
.background{ background-color:#344066 }
```

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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