

# Converting Colors

Hex(344460)

Have a look what the booklet for  
Hex(344460) contains.

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# Color

**Hex(344460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	344460
RGB	52, 68, 96
RGB Percent	20%, 27%, 38%
CMY	0.7961, 0.7333, 0.6235
CMYK	0.46, 0.29, 0.00, 0.62
HSL	218°, 30%, 29%
HSV	218°, 46%, 38%
XYZ	5.5946, 5.7088, 11.8734
YIQ	66.4080, -18.5240, 5.3160

# Conversions

## Conversions Part 2

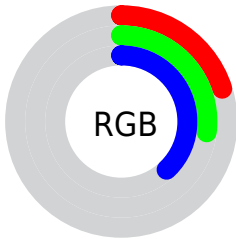
Format	Color
<a href="#">RYB</a>	<a href="#">52, 64, 96</a>
Decimal	<a href="#">3425376</a>
CIELab	<a href="#">28.67, 1.97, -18.54</a>
CIELCh	<a href="#">29, 18.646, 276.074</a>
Yxy	<a href="#">5.7088, 0.2414, 0.2463</a>
Android (android.graphics.Color)	<a href="#">4281615456</a> (0xFF344460)
YUV	<a href="#">66.4080, 14.5889, -12.6358</a>
Hunter-Lab	<a href="#">23.8932, -0.0171, -12.7381</a>

# Details

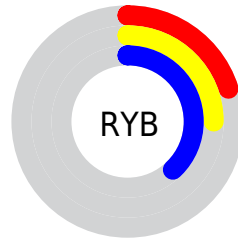
The Hex color **344460** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **605034**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **657493**, and **031932** is the 20% darker color. If you saturate the color by 10%, you get **2A3E60**, and if you desaturate by 10%, it is **3E4A60**.

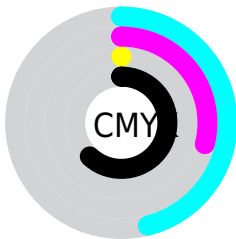
# Distribution



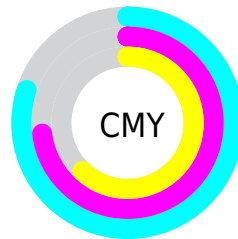
- Red (20%)
- Green (27%)
- Blue (38%)



- Red (20%)
- Yellow (25%)
- Blue (38%)



- Cyan (46%)
- Magenta (29%)
- Yellow (0%)
- Black (62%)



- Cyan (80%)
- Magenta (73%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 344460 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 344460 by changing the saturation by 10% instead.



■ 344460

■ 344460

FFFFFF

■ 1C2E48

■ 657493

■ 031932

■ 7E8DAD

■ 00021D

■ 99A8C9

■ 000000

■ B4C3E5

■ D0DFFF

■ ECFBFF

■ 344460

■ 344460

■ 2A3E60

■ 3E4A60

■ 213860

■ 475060

■ 173260

■ 515660

■ 0E2C60

■ 5A5C60

■ 042560

■ 646360

■ 002360

■ 6E6960

■ 776F60

■ 817560

■ 8A7B60

# Harmonies

## Analogous

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



1C485E



344460



493F5B

# Triad

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



344460



5E3A33



2A4A37

# Complementary

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



344460



605034

# 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.



3B482C



344460



573F2A

# Square

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



344460



5F3841



4A4427



174B46

# Rectangle

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



344460



543C54



4A4427



2F4A33



# Sweetspot

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



344460



6B727D



346050



353940



BFBFBF



404040



# Same Dimension

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



344460



38517D



3A3460



2C2D30



002970



0057F0



# Inverse Universe

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



603444



7D3851



5A6034



302C2D



700029

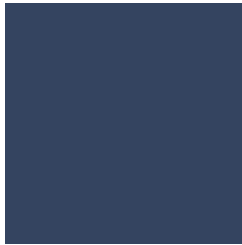


F00057



# Previews

## White Background



This preview shows how the Hex color 344460 looks on a white background.

## Color Contrast Check

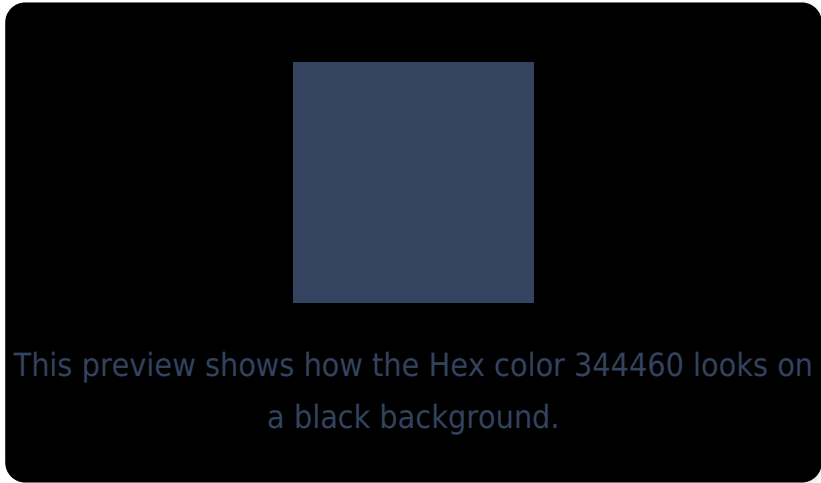
Large Text (above 18pt) WCAG AA ✓ Pass

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

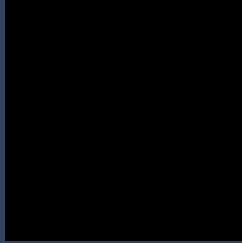
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 344460 Background



This preview shows how black text looks on a background with the Hex color 344460.

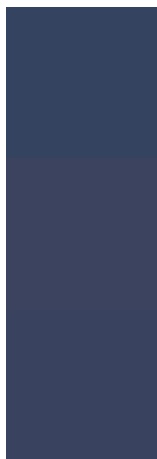


This preview shows how white text looks on a background with the Hex color 344460.

# 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**

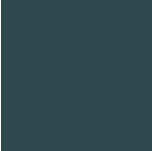
344460

**Protanopia**

3B435F

**Deuteranopia**

394360



**Tritanopia**  
2F484D

# Trichromacy



**Original Color**  
344460

**Protanomaly**  
38435F

**Deuteranomaly**  
374360

**Tritanomaly**  
314754

# Monochromacy



**Original Color**  
344460

**Achromatopsia**  
424242

**Achromatomaly**  
3D434D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 344460 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 #344460 looks like.

```
.text, #text, p{  
    color:#344460  
}
```

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 #344460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344460
}
```

## Border

The CSS property to change the border of an element to Hex 344460 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
#344460 }
```

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

```
.border{ border-color:#344460 }
```

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

Here you see how a box with a 4 pixel #344460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344460; -webkit-box-shadow:4px 4px  
4px 4px #344460; box-shadow:4px 4px 4px  
4px #344460 }
```

# Background

The CSS property to change the background color of an element to Hex 344460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344460 }
```

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

```
.background{ background-color:#344460 }
```

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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