

Converting Colors

Hex(344042)

Have a look what the booklet for
Hex(344042) contains.

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Color

Hex(344042)

Conversions

Conversions Part 1

Format	Color
Hex	344042
RGB	52, 64, 66
RGB Percent	20%, 25%, 26%
CMY	0.7961, 0.7490, 0.7412
CMYK	0.21, 0.03, 0.00, 0.74
HSL	189°, 12%, 23%
HSV	189°, 21%, 26%
XYZ	4.2329, 4.7902, 5.8558
YIQ	60.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

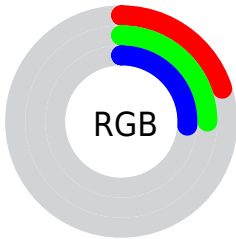
Format	Color
R_{YB}	52, 58, 66
Decimal	3424322
CIE Lab	26.13, -4.36, -2.86
CIE LCh	26, 5.211, 213.250
Yxy	4.7902, 0.2845, 0.3219
Android (android.graphics.Color)	4281614402 (0xFF344042)
YUV	60.6400, 2.6425, -7.5773
Hunter-Lab	21.8865, -3.7789, -0.5425

Details

The Hex color **344042** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423634**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **637072**, and **081617** is the 20% darker color. If you saturate the color by 10%, you get **2D3F42**, and if you desaturate by 10%, it is **3B4142**.

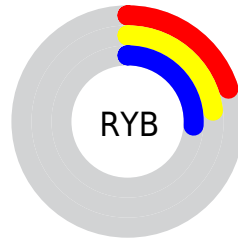
Distribution



Red (20%)

Green (25%)

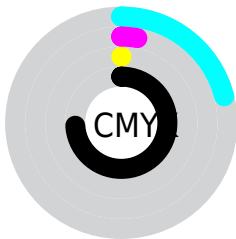
Blue (26%)



Red (20%)

Yellow (23%)

Blue (26%)

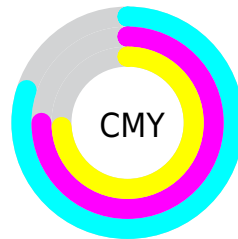


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (74%)



Cyan (80%)

Magenta (75%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344042 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 344042 by changing the saturation by 10% instead.



344042



344042

FFFFFF



1F2A2C



637072



081617



7C898B



000000



96A3A6



B0BEC1



CCDADD



E8F7F9



344042



344042



2D3F42



3B4142

■ 273E42

■ 414242

■ 203D42

■ 484342

■ 1A3C42

■ 4E4442

■ 133B42

■ 554542

■ 0C3A42

■ 5C4642

■ 063942

■ 624742

■ 003942

■ 694842

■ 6F4842

Harmonies

Analogous

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



35403E



344042



363F45

Triad

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



344042



433C41



413E36

Complementary

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



344042



423634

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.



443C37



344042



463B3E

Square

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



344042



3F3D44



463B3A



3C3F37

Rectangle

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



344042



393E46



463B3A



423D36

Sweetspot

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



344042



515657



344236



282B2B



ABABAB



2B2B2B

Same Dimension

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



344042



415457



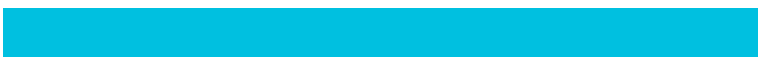
343942



1E2121



005361



00C0E0

Inverse Universe

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



423440



574154



423D34



211E21



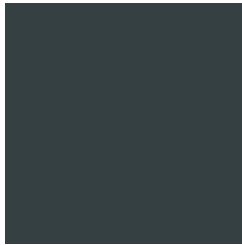
610053



E000C0

Previews

White Background



This preview shows how the Hex color 344042 looks on a white background.

Color Contrast Check

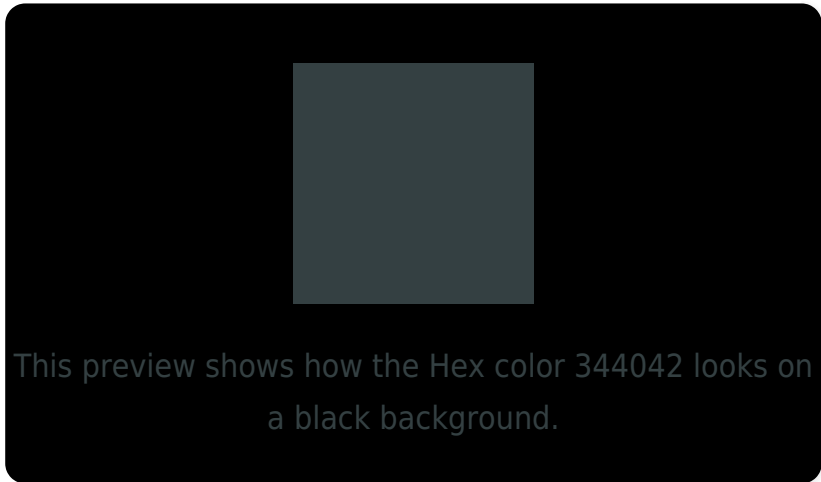
Large Text (above 18pt) WCAG AA ✓ Pass

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

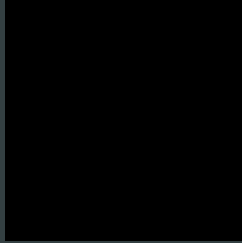
Any Text WCAG AA × Fail

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 344042 Background



This preview shows how black text looks on a background with the Hex color 344042.

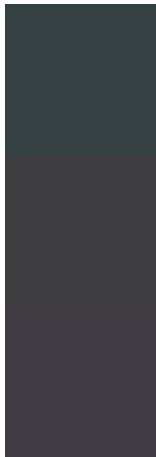


This preview shows how white text looks on a background with the Hex color 344042.

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
344042

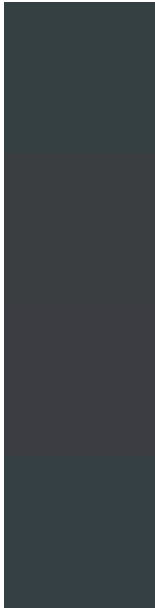
Protanopia
3E3D40

Deuteranopia
413C43



Tritanopia
354045

Trichromacy



Original Color

344042

Protanomaly

3A3E41

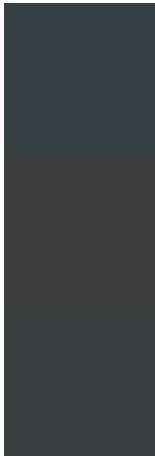
Deuteranomaly

3C3D43

Tritanomaly

354044

Monochromacy



Original Color

344042

Achromatopsia

3D3D3D

Achromatomaly

3A3E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 344042 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 #344042 looks like.

```
.text, #text, p{  
    color:#344042  
}
```

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 #344042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344042
}
```

Border

The CSS property to change the border of an element to Hex 344042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

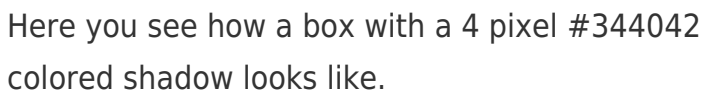
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344042 }
```

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

```
.border{ border-color:#344042 }
```

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



Here you see how a box with a 4 pixel #344042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344042; -webkit-box-shadow:4px 4px  
4px 4px #344042; box-shadow:4px 4px 4px  
4px #344042 }
```

Background

The CSS property to change the background color of an element to Hex 344042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344042 }
```

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

```
.background{ background-color:#344042 }
```

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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