

Converting Colors

Hex(334040)

Have a look what the booklet for
Hex(334040) contains.

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Color

Hex(334040)

Conversions

Conversions Part 1

Format	Color
Hex	334040
RGB	51, 64, 64
RGB Percent	20%, 25%, 25%
CMY	0.8000, 0.7490, 0.7490
CMYK	0.20, 0.00, 0.00, 0.75
HSL	180°, 11%, 23%
HSV	180°, 20%, 25%
XYZ	4.1241, 4.7408, 5.5482
YIQ	60.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 58, 64
Decimal	3358784
CIE Lab	25.98, -5.26, -1.76
CIE LCh	26, 5.551, 198.510
Yxy	4.7408, 0.2861, 0.3289
Android (android.graphics.Color)	4281548864 (0xFF334040)
YUV	60.1130, 1.9163, -7.9921
Hunter-Lab	21.7733, -4.2938, 0.1333

Details

The Hex color **334040** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403333**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **627070**, and **061616** is the 20% darker color. If you saturate the color by 10%, you get **2D4040**, and if you desaturate by 10%, it is **394040**.

Distribution



Red (20%)

Green (25%)

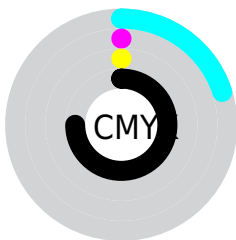
Blue (25%)



Red (20%)

Yellow (23%)

Blue (25%)

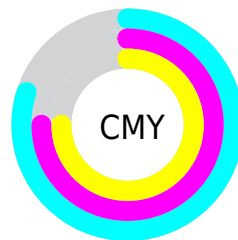


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334040 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 334040 by changing the saturation by 10% instead.

■ 334040

■ 334040

FFFFFF

■ 1E2A2A

■ 627070

■ 061616

■ 7B8989

■ 000000

■ 94A3A3

■ AFBEBE

■ CBDADA

■ E7F7F7

■ 334040

■ 334040

■ 2D4040

■ 394040

■ 264040

■ 404040

■ 204040

■ 464040

■ 194040

■ 4D4040

■ 134040

■ 534040

■ 0D4040

■ 594040

■ 064040

■ 604040

■ 004040

■ 664040

■ 6D4040

Harmonies

Analogous

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



35403C



334040



343F44

Triad

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



334040



413C43



433D35

Complementary

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



334040



403333

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.



463B37



334040



453B3F

Square

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



334040



3C3D45



473B3B



3E3E36

Rectangle

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



334040



363F45



473B3B



443C36

Sweetspot

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



334040



4F5454



334033



282B2B



ABABAB



2B2B2B

Same Dimension

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



334040



405454



333A40



1E2121



006161



00E0E0

Inverse Universe

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



403340



544054



403A33



211E21



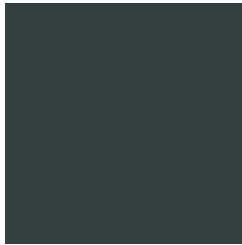
610061



E000E0

Previews

White Background



This preview shows how the Hex color 334040 looks on a white background.

Color Contrast Check

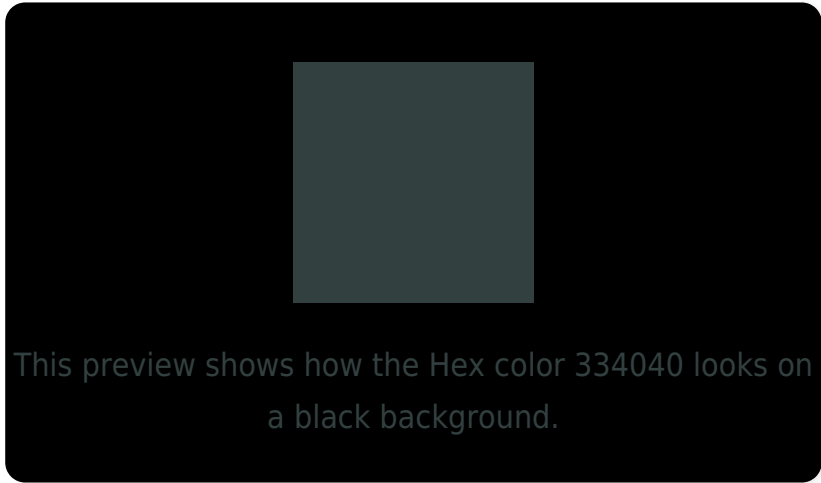
Large Text (above 18pt) WCAG AA ✓ Pass

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

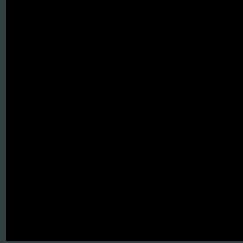
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

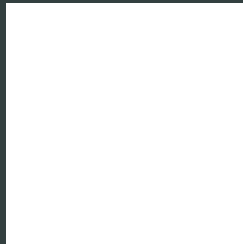
Any Text WCAG AAA × Fail

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

Hex 334040 Background



This preview shows how black text looks on a background with the Hex color 334040.

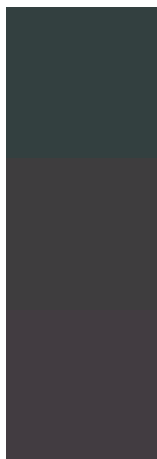


This preview shows how white text looks on a background with the Hex color 334040.

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
334040

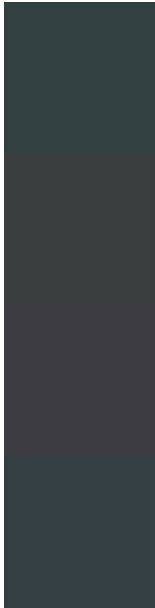
Protanopia
3E3D3E

Deuteranopia
423C41



Tritanopia
343F44

Trichromacy



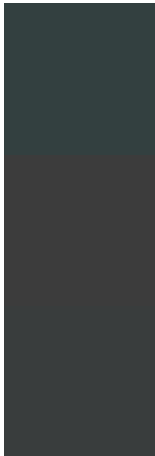
Original Color
334040

Protanomaly
3A3E3F

Deuteranomaly
3D3D41

Tritanomaly
343F43

Monochromacy



Original Color
334040

Achromatopsia
3C3C3C

Achromatomaly
393D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 334040 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 #334040 looks like.

```
.text, #text, p{  
    color:#334040  
}
```

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 #334040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334040
}
```

Border

The CSS property to change the border of an element to Hex 334040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

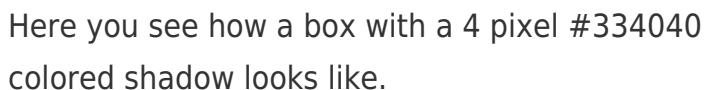
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334040 }
```

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

```
.border{ border-color:#334040 }
```

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



Here you see how a box with a 4 pixel #334040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334040; -webkit-box-shadow:4px 4px  
4px 4px #334040; box-shadow:4px 4px 4px  
4px #334040 }
```

Background

The CSS property to change the background color of an element to Hex 334040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334040 }
```

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

```
.background{ background-color:#334040 }
```

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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