

Converting Colors

Hex(334249)

Have a look what the booklet for
Hex(334249) contains.

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Color

Hex(334249)

Conversions

Conversions Part 1

Format	Color
Hex	334249
RGB	51, 66, 73
RGB Percent	20%, 26%, 29%
CMY	0.8000, 0.7412, 0.7137
CMYK	0.30, 0.10, 0.00, 0.71
HSL	199°, 18%, 24%
HSV	199°, 30%, 29%
XYZ	4.5161, 5.0813, 7.0461
YIQ	62.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

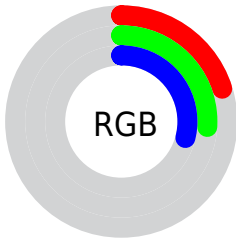
Format	Color
RYB	51, 60, 73
Decimal	3359305
CIELab	26.97, -4.10, -6.22
CIElCh	27, 7.447, 236.615
Yxy	5.0813, 0.2713, 0.3053
Android (android.graphics.Color)	4281549385 (0xFF334249)
YUV	62.3130, 5.2687, -9.9215
Hunter-Lab	22.5417, -3.6868, -2.7537

Details

The Hex color **334249** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493A33**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **62727A**, and **07181D** is the 20% darker color. If you saturate the color by 10%, you get **2C4049**, and if you desaturate by 10%, it is **3A4449**.

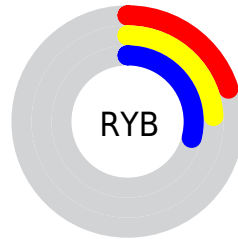
Distribution



Red (20%)

Green (26%)

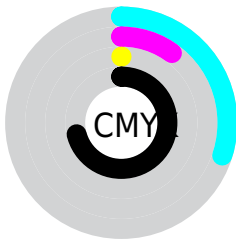
Blue (29%)



Red (20%)

Yellow (24%)

Blue (29%)

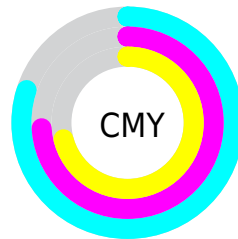


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (71%)



Cyan (80%)

Magenta (74%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334249 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 334249 by changing the saturation by 10% instead.

■ 334249

■ 334249

FFFFFF

■ 1D2C32

■ 62727A

■ 07181D

■ 7B8B93

■ 000002

■ 95A6AE

■ 000000

■ B0C1C9

■ CBDDE5

■ E7F9FF

■ 334249

■ 334249

■ 2C4049

■ 3A4449

■ 243D49

■ 424749

■ 1D3B49

■ 494949

■ 163949

■ 504B49

■ 0F3649

■ 584E49

■ 073449

■ 5F5049

■ 003249

■ 665249

■ 6D5549

■ 755749

Harmonies

Analogous

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



314345



334249



39404B

Triad

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



334249



4B3C41



3F4136

Complementary

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



334249



493A33

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.



453F34



334249



4C3C3B

Square

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



334249



473D46



4A3D36



384239

Rectangle

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



334249



3E3F4B



4A3D36



414035

Sweetspot

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



334249



565C5E



33493A



2B2F30



B0B0B0



303030

Same Dimension

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



334249



3C545E



333749



202324



004463



009BE3

Inverse Universe

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



493342



5E3C54



494533



242023



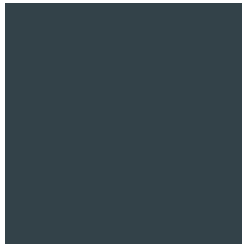
630044



E3009B

Previews

White Background



This preview shows how the Hex color 334249 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

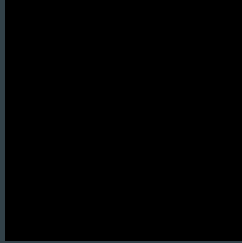
Any Text WCAG AA × Fail

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 334249 Background



This preview shows how black text looks on a background with the Hex color 334249.



This preview shows how white text looks on a background with the Hex color 334249.

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

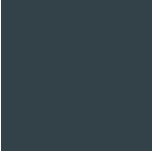
334249

Protanopia

3E3F47

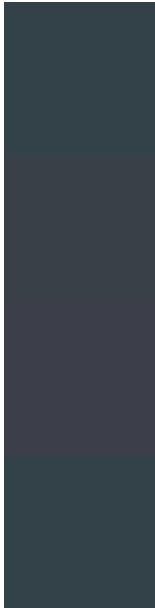
Deuteranopia

413E4A



Tritanopia
334248

Trichromacy



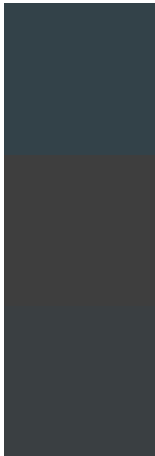
Original Color
334249

Protanomaly
3A4048

Deuteranomaly
3C3F4A

Tritanomaly
334248

Monochromacy



Original Color
334249

Achromatopsia
3E3E3E

Achromatomaly
3A3F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 334249 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 #334249 looks like.

```
.text, #text, p{  
    color:#334249  
}
```

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 #334249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334249
}
```

Border

The CSS property to change the border of an element to Hex 334249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

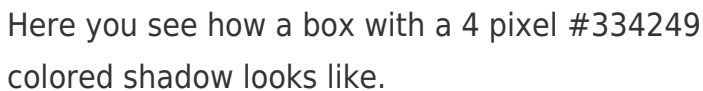
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334249 }
```

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

```
.border{ border-color:#334249 }
```

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



Here you see how a box with a 4 pixel #334249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334249; -webkit-box-shadow:4px 4px  
4px 4px #334249; box-shadow:4px 4px 4px  
4px #334249 }
```

Background

The CSS property to change the background color of an element to Hex 334249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334249 }
```

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

```
.background{ background-color:#334249 }
```

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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