

Converting Colors

Hex(334445)

Have a look what the booklet for
Hex(334445) contains.

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Color

Hex(334445)

Conversions

Conversions Part 1

Format	Color
Hex	334445
RGB	51, 68, 69
RGB Percent	20%, 27%, 27%
CMY	0.8000, 0.7333, 0.7294
CMYK	0.26, 0.01, 0.00, 0.73
HSL	183°, 15%, 24%
HSV	183°, 26%, 27%
XYZ	4.5065, 5.2677, 6.4095
YIQ	63.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

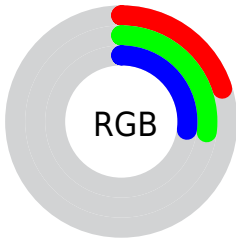
Format	Color
RYB	51, 60, 69
Decimal	3359813
CIELab	27.48, -6.46, -2.83
CIELCh	27, 7.055, 203.632
Yxy	5.2677, 0.2785, 0.3255
Android (android.graphics.Color)	4281549893 (0xFF334445)
YUV	63.0310, 2.9427, -10.5512
Hunter-Lab	22.9515, -5.1166, -0.4914

Details

The Hex color **334445** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453433**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **627475**, and **07191A** is the 20% darker color. If you saturate the color by 10%, you get **2C4445**, and if you desaturate by 10%, it is **3A4445**.

Distribution



Red (20%)

Green (27%)

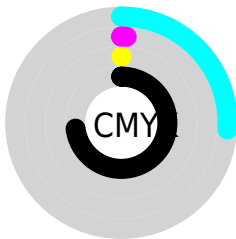
Blue (27%)



Red (20%)

Yellow (24%)

Blue (27%)

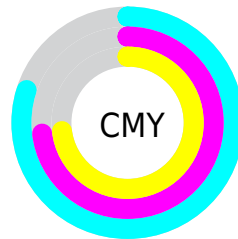


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334445 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 334445 by changing the saturation by 10% instead.

■ 334445

■ 334445

FFFFFF

■ 1D2E2F

■ 627475

■ 07191A

■ 7B8E8F

■ 000000

■ 95A8A9

■ B0C3C4

■ CBDFE0

■ E7FCFD

■ 334445

■ 334445

■ 2C4445

■ 3A4445

■ 254345

■ 414545

■ 1E4345

■ 484545

■ 174245

■ 4F4645

■ 114245

■ 564645

■ 0A4245

■ 5C4645

■ 034145

■ 634745

■ 004145

■ 6A4745

■ 714745

Harmonies

Analogous

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



354440



334445



354349

Triad

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



334445



473E47



464036

Complementary

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



334445



453433

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.



4B3E38



334445



4B3D42

Square

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



334445



41404B



4C3D3D



414237

Rectangle

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



334445



38424B



4C3D3D



484037

Sweetspot

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



334445



525959



334534



292E2E



ADADAD



2E2E2E

Same Dimension

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



334445



3E5859



333B45



202424



005E63



00D6E3

Inverse Universe

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



453344



593E58



453D33



242024



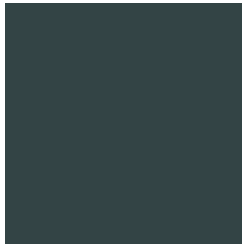
63005E



E300D6

Previews

White Background



This preview shows how the Hex color 334445 looks on a white background.

Color Contrast Check

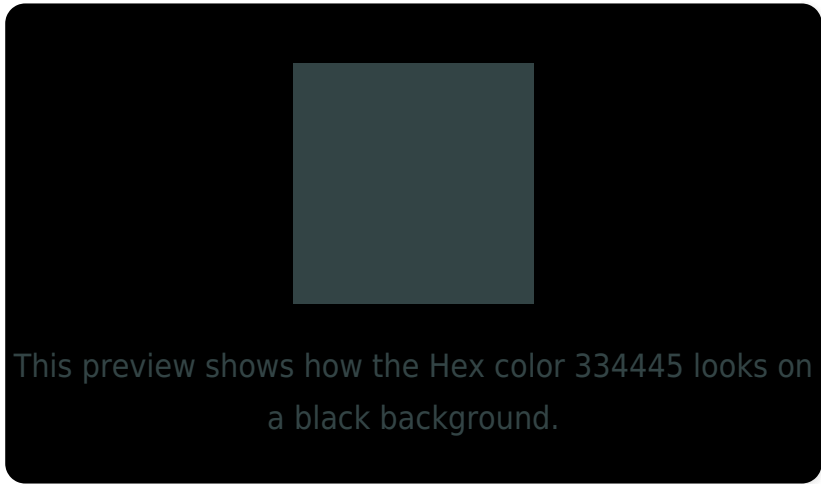
Large Text (above 18pt) WCAG AA ✓ Pass

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

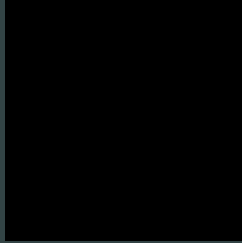
Any Text WCAG AA × Fail

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 334445 Background



This preview shows how black text looks on a background with the Hex color 334445.

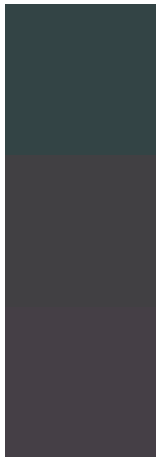


This preview shows how white text looks on a background with the Hex color 334445.

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](#).

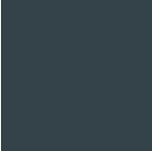
Dichromacy



Original Color
334445

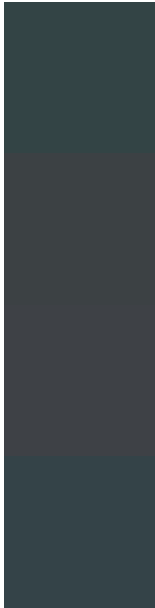
Protanopia
414043

Deuteranopia
453F46



Tritanopia
344349

Trichromacy



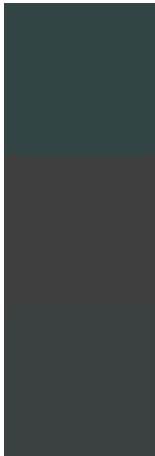
Original Color
334445

Protanomaly
3C4144

Deuteranomaly
3E4146

Tritanomaly
344348

Monochromacy



Original Color
334445

Achromatopsia
3F3F3F

Achromatomaly
3B4141

CSS Examples

Text

The CSS property to change the color of the text to Hex 334445 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 #334445 looks like.

```
.text, #text, p{  
    color:#334445  
}
```

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 #334445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334445
}
```

Border

The CSS property to change the border of an element to Hex 334445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

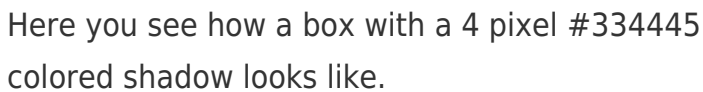
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334445 }
```

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

```
.border{ border-color:#334445 }
```

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



Here you see how a box with a 4 pixel #334445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334445; -webkit-box-shadow:4px 4px  
4px 4px #334445; box-shadow:4px 4px 4px  
4px #334445 }
```

Background

The CSS property to change the background color of an element to Hex 334445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334445 }
```

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

```
.background{ background-color:#334445 }
```

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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