

Converting Colors

Hex(324A45)

Have a look what the booklet for
Hex(324A45) contains.

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Color

Hex(324A45)

Conversions

Conversions Part 1

Format	Color
Hex	324A45
RGB	50, 74, 69
RGB Percent	20%, 29%, 27%
CMY	0.8039, 0.7098, 0.7294
CMYK	0.32, 0.00, 0.07, 0.71
HSL	167°, 19%, 24%
HSV	167°, 32%, 29%
XYZ	4.8383, 6.0053, 6.5344
YIQ	66.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

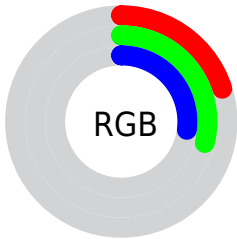
Format	Color
RYB	50, 63, 74
Decimal	3295813
CIELab	29.43, -10.50, 0.02
CIELCh	29, 10.495, 179.903
Yxy	6.0053, 0.2784, 0.3456
Android (android.graphics.Color)	4281485893 (0xFF324A45)
YUV	66.2540, 1.3538, -14.2548
Hunter-Lab	24.5058, -7.6426, 1.3446

Details

The Hex color **324A45** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A3237**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **617B75**, and **061E1A** is the 20% darker color. If you saturate the color by 10%, you get **2B4A43**, and if you desaturate by 10%, it is **394A47**.

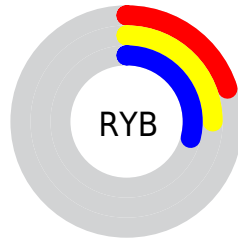
Distribution



Red (20%)

Green (29%)

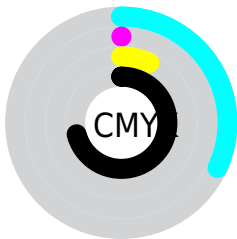
Blue (27%)



Red (20%)

Yellow (25%)

Blue (29%)

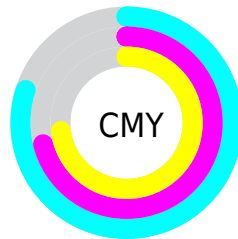


Cyan (32%)

Magenta (0%)

Yellow (7%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 324A45 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 324A45 by changing the saturation by 10% instead.



324A45



324A45

FFFFFF



1C332F



617B75



061E1A



7A958F



000000



94AFA9



AFCBC4



CBE7E0



E7FFFD



324A45



324A45



2B4A43



394A47

■ 234A42

■ 414A48

■ 1C4A40

■ 484A4A

■ 144A3F

■ 504A4B

■ 0D4A3D

■ 574A4D

■ 064A3C

■ 5E4A4E

■ 004A3B

■ 664A50

■ 6D4A51

■ 754A53

Harmonies

Analogous

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



3A493D



324A45



2F4A4D

Triad

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



324A45



474353



534238

Complementary

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



324A45



4A3237

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.



56403E



324A45



50414E

Square

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



324A45



3C4655



554046



4C4535

Rectangle

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



324A45



314951



554046



544139

Sweetspot

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



324A45



57615F



374A32



2B302F



B0B0B0



303030

Same Dimension

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



324A45



3B6159



32434A



222625



006651



00E6B6

Inverse Universe

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



4A3237



613B43



4A3932



262223



660015



E60030

Previews

White Background



This preview shows how the Hex color 324A45 looks on a white background.

Color Contrast Check

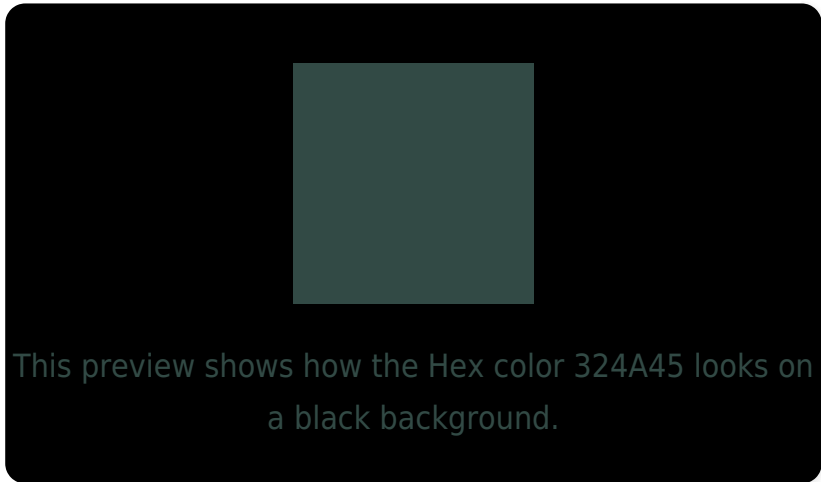
Large Text (above 18pt) WCAG AA ✓ Pass

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

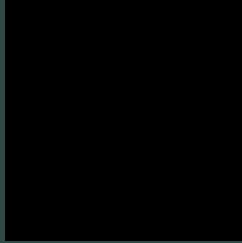
Any Text WCAG AA × Fail

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 324A45 Background



This preview shows how black text looks on a background with the Hex color 324A45.



This preview shows how white text looks on a background with the Hex color 324A45.

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](#).

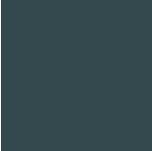
Dichromacy



Original Color
324A45

Protanopia
474542

Deuteranopia
4B4346



Tritanopia
34494E

Trichromacy



Original Color

324A45

Protanomaly

3F4743

Deuteranomaly

424646

Tritanomaly

33494B

Monochromacy



Original Color

324A45

Achromatopsia

424242

Achromatomaly

3C4543

CSS Examples

Text

The CSS property to change the color of the text to Hex 324A45 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 #324A45 looks like.

```
.text, #text, p{  
    color:#324A45  
}
```

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 #324A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324A45
}
```

Border

The CSS property to change the border of an element to Hex 324A45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

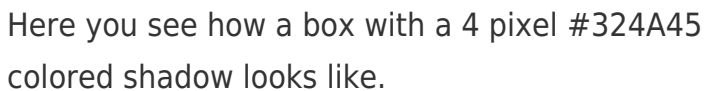
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#324A45 }
```

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

```
.border{ border-color:#324A45 }
```

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



Here you see how a box with a 4 pixel #324A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324A45; -webkit-box-shadow:4px 4px  
4px 4px #324A45; box-shadow:4px 4px 4px  
4px #324A45 }
```

Background

The CSS property to change the background color of an element to Hex 324A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324A45 }
```

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

```
.background{ background-color:#324A45 }
```

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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