

Converting Colors

Hex(304D55)

Have a look what the booklet for
Hex(304D55) contains.

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Color

Hex(304D55)

Conversions

Conversions Part 1

Format	Color
Hex	304D55
RGB	48, 77, 85
RGB Percent	19%, 30%, 33%
CMY	0.8118, 0.6980, 0.6667
CMYK	0.44, 0.09, 0.00, 0.67
HSL	193°, 28%, 26%
HSV	193°, 44%, 33%
XYZ	5.5125, 6.5920, 9.5762
YIQ	69.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

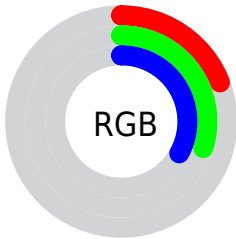
Format	Color
RYB	48, 64, 85
Decimal	3165525
CIELab	30.86, -8.44, -8.15
CIELCh	31, 11.732, 224.001
Yxy	6.5920, 0.2543, 0.3040
Android (android.graphics.Color)	4281355605 (0xFF304D55)
YUV	69.2410, 7.7692, -18.6284
Hunter-Lab	25.6749, -6.6065, -4.1414




Details

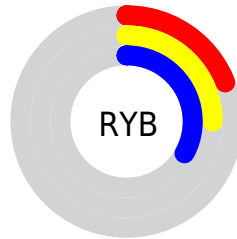
The Hex color **304D55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **553830**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **607E87**, and **012128** is the 20% darker color. If you saturate the color by 10%, you get **274B55**, and if you desaturate by 10%, it is **394F55**.

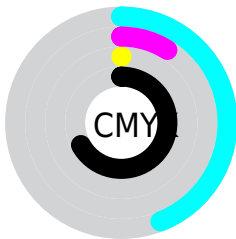
Distribution







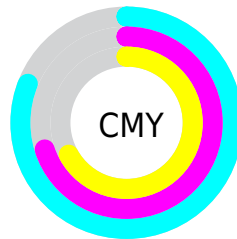
-  Red (19%)
-  Green (30%)
-  Blue (33%)






-  Red (19%)
-  Yellow (25%)
-  Blue (33%)



-  Cyan (44%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (81%)
-  Magenta (70%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304D55 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 304D55 by changing the saturation by 10% instead.

■ 304D55

■ 304D55

FFFFFF

■ 19363E

■ 607E87

■ 012128

■ 7A98A1

■ 000714

■ 94B3BC

■ 000000

■ AFCED8

■ CAEAF4

■ E7FFFF

■ 304D55

■ 304D55

■ 274B55

■ 394F55

■ 1F4955

■ 415155

■ 164755

■ 4A5355

■ 0E4655

■ 525455

■ 054455

■ 5A5655

■ 004355

■ 635855

■ 6B5A55

■ 745C55

■ 7C5E55

Harmonies

Analogous

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



304E4D



304D55



384B5A

Triad

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



304D55



58434E



4B4937

Complementary

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



304D55



553830

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.



544637



304D55



5C4245

Square

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



304D55



4F4556



5A443C



414C3B

Rectangle

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



304D55



40495B



5A443C



4E4836

Sweetspot

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



304D55



5F6B6E



305537



2F3638



B8B8B8



383838

Same Dimension

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



304D55



35616E



303B55



272A2B



00546B



00B8EB

Inverse Universe

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



55304D



6E3561



554A30



2B272A



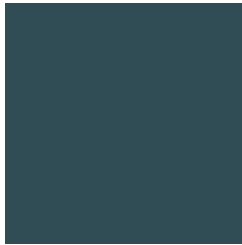
6B0054



EB00B8

Previews

White Background



This preview shows how the Hex color 304D55 looks on a white background.

Color Contrast Check

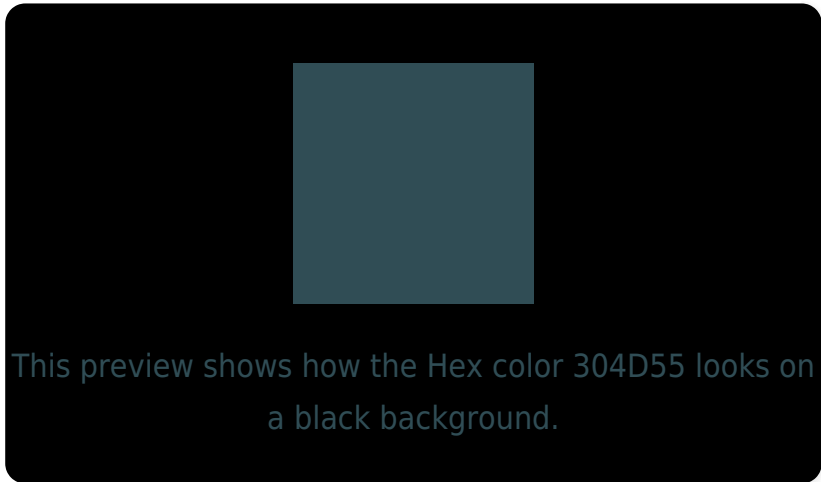
Large Text (above 18pt) WCAG AA ✓ Pass

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

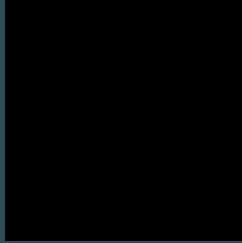
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

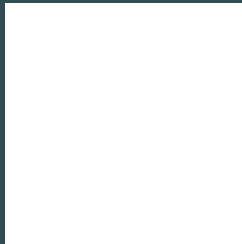
Any Text WCAG AAA × Fail

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

Hex 304D55 Background



This preview shows how black text looks on a background with the Hex color 304D55.



This preview shows how white text looks on a background with the Hex color 304D55.

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
304D55

Protanopia
474852

Deuteranopia
494756



Tritanopia
304D53

Trichromacy



Original Color

304D55

Protanomaly

3F4A53

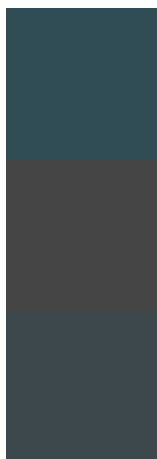
Deuteranomaly

404956

Tritanomaly

304D54

Monochromacy



Original Color

304D55

Achromatopsia

454545

Achromatomaly

3D484B

CSS Examples

Text

The CSS property to change the color of the text to Hex 304D55 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 #304D55 looks like.

```
.text, #text, p{  
    color:#304D55  
}
```

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 #304D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304D55  
}
```

Border

The CSS property to change the border of an element to Hex 304D55 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  
#304D55 }
```

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

```
.border{ border-color:#304D55 }
```

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

Here you see how a box with a 4 pixel #304D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304D55; -webkit-box-shadow:4px 4px  
4px 4px #304D55; box-shadow:4px 4px 4px  
4px #304D55 }
```

Background

The CSS property to change the background color of an element to Hex 304D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304D55 }
```

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

```
.background{ background-color:#304D55 }
```

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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