

Converting Colors

Hex(304D69)

Have a look what the booklet for
Hex(304D69) contains.

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Color

Hex(304D69)

Conversions

Conversions Part 1

Format	Color
Hex	304D69
RGB	48, 77, 105
RGB Percent	19%, 30%, 41%
CMY	0.8118, 0.6980, 0.5882
CMYK	0.54, 0.27, 0.00, 0.59
HSL	209°, 37%, 30%
HSV	209°, 54%, 41%
XYZ	6.4226, 6.9561, 14.3687
YIQ	71.5210, -26.2720, 2.5600

Conversions

Conversions Part 2

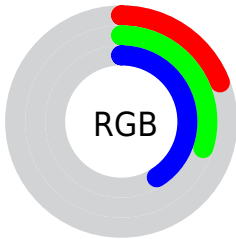
Format	Color
R_{YB}	48, 67, 105
Decimal	3165545
CIE _{Lab}	31.71, -1.98, -19.57
CIE _{LCh}	32, 19.671, 264.230
Yxy	6.9561, 0.2315, 0.2507
Android (android.graphics.Color)	4281355625 (0xFF304D69)
YUV	71.5210, 16.5051, -20.6279
Hunter-Lab	26.3743, -2.6873, -13.8392

Details

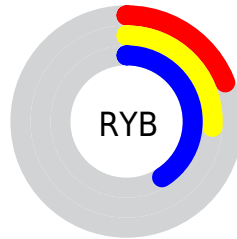
The Hex color **304D69** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **694C30**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **627E9C**, and **00213A** is the 20% darker color. If you saturate the color by 10%, you get **264869**, and if you desaturate by 10%, it is **3B5269**.

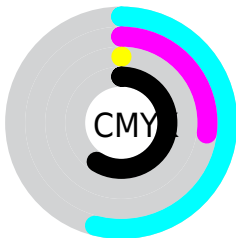
Distribution



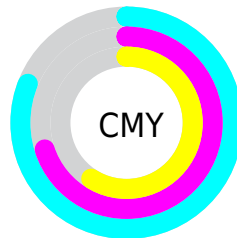
- Red (19%)
- Green (30%)
- Blue (41%)



- Red (19%)
- Yellow (26%)
- Blue (41%)



- Cyan (54%)
- Magenta (27%)
- Yellow (0%)
- Black (59%)



- Cyan (81%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304D69 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 304D69 by changing the saturation by 10% instead.



304D69



304D69

FFFFFF



163651



627E9C



00213A



7C98B7



000A24



97B2D3



00010D



B2CEEF



000000



CEEAFF



EBFFFF



304D69



304D69



264869



3B5269

■ 1B4369

■ 455769

■ 113E69

■ 4F5C69

■ 063869

■ 5A6269

■ 003569

■ 656769

■ 6F6C69

■ 797169

■ 847669

■ 8F7B69

Harmonies

Analogous

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



185163



304D69



484867

Triad

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



304D69



693F3F



365138

Complementary

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



304D69



694C30

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.



484D2E



304D69



634332

Square

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



304D69



663F4E



58492C



235347

Rectangle

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



304D69



564461



58492C



3C5034

Sweetspot

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



304D69



747F8A



30694C



383E45



C4C4C4



454545

Same Dimension

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



304D69



305E8A



303169



303336



003C75



007DF5

Inverse Universe

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



69304D



8A305E



696830



363033



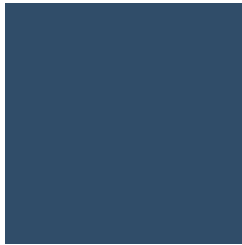
75003C



F5007D

Previews

White Background



This preview shows how the Hex color 304D69 looks on a white background.

Color Contrast Check

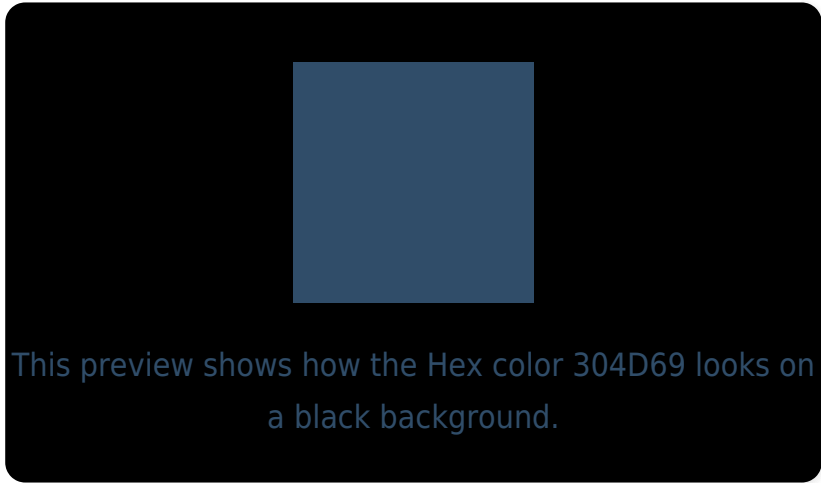
Large Text (above 18pt) WCAG AA ✓ Pass

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

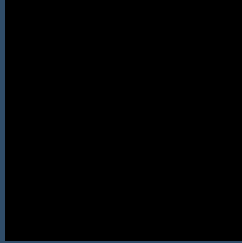
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

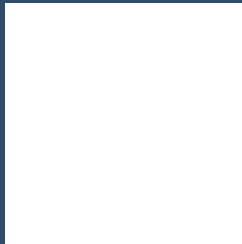
Any Text WCAG AAA × Fail

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

Hex 304D69 Background



This preview shows how black text looks on a background with the Hex color 304D69.

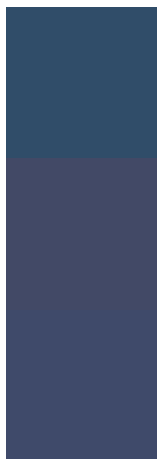


This preview shows how white text looks on a background with the Hex color 304D69.

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
304D69

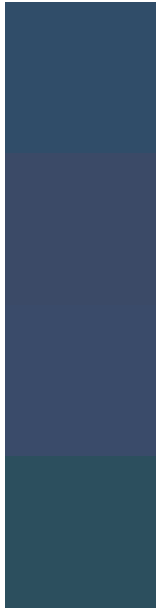
Protanopia
424966

Deuteranopia
3F4A6A



Tritanopia
295057

Trichromacy



Original Color
304D69

Protanomaly
3B4A67

Deuteranomaly
3A4B6A

Tritanomaly
2C4F5E

Monochromacy



Original Color
304D69

Achromatopsia
484848

Achromatomaly
3F4A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 304D69 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 #304D69 looks like.

```
.text, #text, p{  
    color:#304D69  
}
```

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 #304D69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304D69
}
```

Border

The CSS property to change the border of an element to Hex 304D69 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
#304D69 }
```

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

```
.border{ border-color:#304D69 }
```

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

Here you see how a box with a 4 pixel #304D69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304D69; -webkit-box-shadow:4px 4px  
4px 4px #304D69; box-shadow:4px 4px 4px  
4px #304D69 }
```

Background

The CSS property to change the background color of an element to Hex 304D69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304D69 }
```

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

```
.background{ background-color:#304D69 }
```

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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