

Converting Colors

Hex(00324C)

Have a look what the booklet for
Hex(00324C) contains.

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Color

Hex(00324C)

Conversions

Conversions Part 1

Format	Color
Hex	00324C
RGB	0, 50, 76
RGB Percent	0%, 20%, 30%
CMY	1.0000, 0.8039, 0.7020
CMYK	1.00, 0.34, 0.00, 0.70
HSL	201°, 100%, 15%
HSV	201°, 100%, 30%
XYZ	2.4451, 2.8030, 7.2496
YIQ	38.0140, -38.1460, -2.5140

Conversions

Conversions Part 2

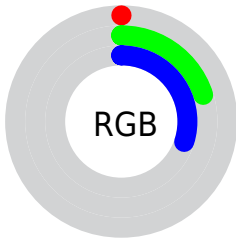
Format	Color
RYB	0, 30, 76
Decimal	12876
CIELab	19.24, -4.28, -20.31
CIELCh	19, 20.755, 258.092
Yxy	2.8030, 0.1956, 0.2243
Android (android.graphics.Color)	4278202956 (0xFF00324C)
YUV	38.0140, 18.7271, -33.3383
Hunter-Lab	16.7422, -3.2298, -13.9540

Details

The Hex color **00324C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C1A00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3B607D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **00324C**, and if you desaturate by 10%, it is **08354C**.

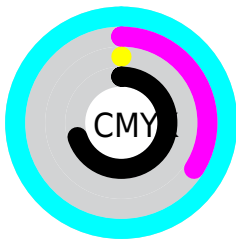
Distribution



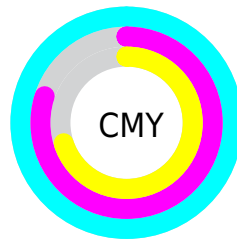
- Red (0%)
- Green (20%)
- Blue (30%)



- Red (0%)
- Yellow (12%)
- Blue (30%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (80%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00324C 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 00324C by changing the saturation by 10% instead.

 00324C

 00324C

 FAFFFF

 001D35

 3B607D

 000220

 557997

 000004

 6F92B2

 000000

 8AADCDC

 A5C8EA

 C1E4FF

 DDFFFF

 00324C

■ 08354C

■ 0F374C

■ 173A4C

■ 1E3C4C

■ 263F4C

■ 2E424C

■ 35444C

■ 3D474C

■ 44494C

Harmonies

Analogous

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



003545



00324C



262D4B

Triad

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



00324C



4B2226



1D341A

Complementary

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



00324C



4C1A00

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.



2F3111



00324C



472619

Square

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



00324C



482335



3D2C11



033628

Rectangle

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



00324C



352946



3D2C11



243316

Sweetspot

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



00324C



465963



004C19



212D33



B3B3B3



333333

Same Dimension

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



00324C



004163



000D4C



222526



004366



0097E6

Inverse Universe

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



4C0032



630041



4C3F00



262225



660043



E60097

Previews

White Background



This preview shows how the Hex color 00324C looks on a white background.

Color Contrast Check

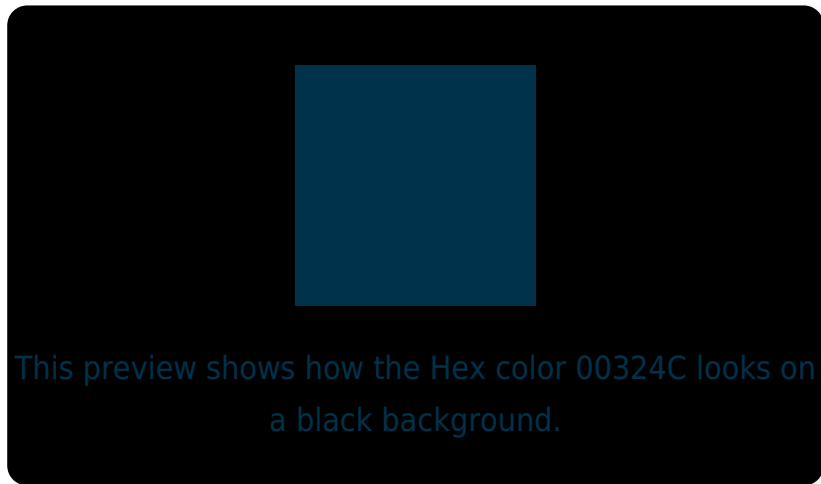
Large Text (above 18pt) WCAG AA ✓ Pass

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

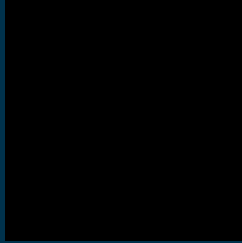
Any Text WCAG AA × Fail

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 00324C Background



This preview shows how black text looks on a background with the Hex color 00324C.



This preview shows how white text looks on a background with the Hex color 00324C.

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
00324C

Protanopia
262E49

Deuteranopia
1E304D

Trichromacy



Original Color
00324C

Protanomaly
182F4A

Deuteranomaly
13314D

Tritanomaly
00343F

Monochromacy



Original Color
00324C

Achromatopsia
262626

Achromatomaly
182A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 00324C 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 #00324C looks like.

```
.text, #text, p{  
    color:#00324C  
}
```

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 #00324C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00324C
}
```

Border

The CSS property to change the border of an element to Hex 00324C 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
#00324C }
```

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

```
.border{ border-color:#00324C }
```

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

Here you see how a box with a 4 pixel #00324C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00324C; -webkit-box-shadow:4px 4px  
4px 4px #00324C; box-shadow:4px 4px 4px  
4px #00324C }
```

Background

The CSS property to change the background color of an element to Hex 00324C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00324C }
```

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

```
.background{ background-color:#00324C }
```

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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