

Converting Colors

Hex(00284B)

Have a look what the booklet for
Hex(00284B) contains.

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Color

Hex(00284B)

Conversions

Conversions Part 1

Format	Color
Hex	00284B
RGB	0, 40, 75
RGB Percent	0%, 16%, 29%
CMY	1.0000, 0.8431, 0.7059
CMYK	1.00, 0.47, 0.00, 0.71
HSL	208°, 100%, 15%
HSV	208°, 100%, 29%
XYZ	2.0288, 2.0256, 6.9407
YIQ	32.0300, -35.0750, 2.4050

Conversions

Conversions Part 2

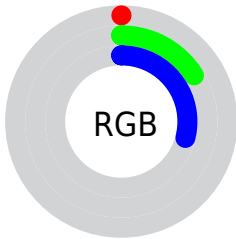
Format	Color
RYB	0, 26, 75
Decimal	10315
CIELab	15.62, 2.40, -25.37
CIELCh	16, 25.488, 275.405
Yxy	2.0256, 0.1845, 0.1842
Android (android.graphics.Color)	4278200395 (0xFF00284B)
YUV	32.0300, 21.1842, -28.0903
Hunter-Lab	14.2323, 0.5384, -18.9513

Details

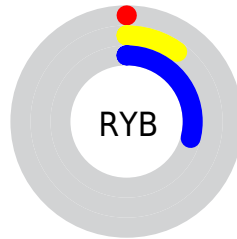
The Hex color **00284B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4B2300**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3B557C**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **00284B**, and if you desaturate by 10%, it is **072C4B**.

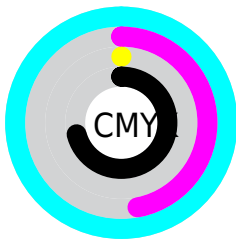
Distribution



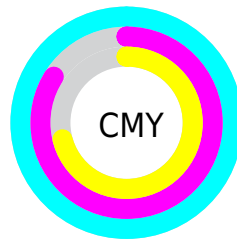
- Red (0%)
- Green (16%)
- Blue (29%)



- Red (0%)
- Yellow (10%)
- Blue (29%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00284B 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 00284B by changing the saturation by 10% instead.


 00284B

 00284B

 F9FFFF

 001434

 3B557C

 00021F

 546D96

 000001

 6E86B1

 000000

 89A0CC

 A4BBE9

 BFD7FF

 DCF3FF

 00284B

■ 072C4B

■ 0F2F4B

■ 17334B

■ 1E364B

■ 263A4B

■ 2D3D4B

■ 35414B

■ 3C444B

■ 44484B

Harmonies

Analogous

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



002D48



00284B



2C2145

Triad

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



00284B



451913



002E17

Complementary

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



00284B



4B2300

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.



1B2C04



00284B



3C2000

Square

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



00284B



471524



2E2700



002F2A

Rectangle

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



00284B



3A1B3C



2E2700



082E11

Sweetspot

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



00284B



445361



004B23



1F2830



B0B0B0



303030

Same Dimension

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



00284B



003461



00024B



222426



003666



007AE6

Inverse Universe

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



4B0028



610034



4B4900



262224



660036



E6007A

Previews

White Background



This preview shows how the Hex color 00284B looks on a white background.

Color Contrast Check

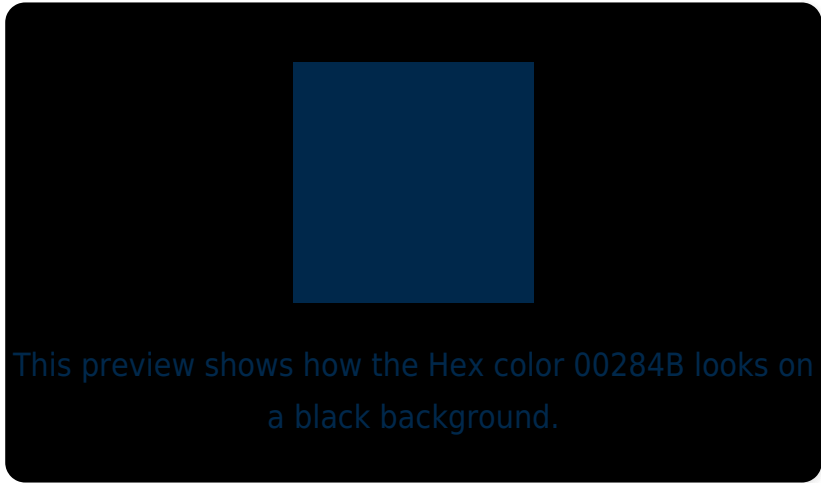
Large Text (above 18pt) WCAG AA ✓ Pass

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

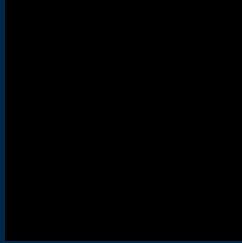
Any Text WCAG AA × Fail

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 00284B Background



This preview shows how black text looks on a background with the Hex color 00284B.



This preview shows how white text looks on a background with the Hex color 00284B.

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
00284B

Protanopia
16274A

Deuteranopia
002948

Trichromacy



Original Color
00284B

Protanomaly
0E274A

Deuteranomaly
002949

Tritanomaly
002B39

Monochromacy



Original Color
00284B

Achromatopsia
202020

Achromatomaly
142330

CSS Examples

Text

The CSS property to change the color of the text to Hex 00284B 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 #00284B looks like.

```
.text, #text, p{  
    color:#00284B  
}
```

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 #00284B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00284B
}
```

Border

The CSS property to change the border of an element to Hex 00284B 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
#00284B }
```

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

```
.border{ border-color:#00284B }
```

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

Here you see how a box with a 4 pixel #00284B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00284B; -webkit-box-shadow:4px 4px  
4px 4px #00284B; box-shadow:4px 4px 4px  
4px #00284B }
```

Background

The CSS property to change the background color of an element to Hex 00284B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00284B }
```

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

```
.background{ background-color:#00284B }
```

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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