

Converting Colors

Hex(00294F)

Have a look what the booklet for
Hex(00294F) contains.

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Color

Hex(00294F)

Conversions

Conversions Part 1

Format	Color
Hex	00294F
RGB	0, 41, 79
RGB Percent	0%, 16%, 31%
CMY	1.0000, 0.8392, 0.6902
CMYK	1.00, 0.48, 0.00, 0.69
HSL	209°, 100%, 15%
HSV	209°, 100%, 31%
XYZ	2.2042, 2.1504, 7.6960
YIQ	33.0730, -36.6340, 3.1260

Conversions

Conversions Part 2

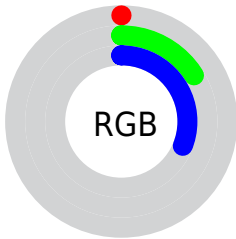
Format	Color
RYB	0, 27, 79
Decimal	10575
CIELab	16.26, 3.54, -27.08
CIElCh	16, 27.307, 277.459
Yxy	2.1504, 0.1829, 0.1784
Android (android.graphics.Color)	4278200655 (0xFF00294F)
YUV	33.0730, 22.6420, -29.0050
Hunter-Lab	14.6642, 1.1685, -20.8515

Details

The Hex color **00294F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4F2600**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3C5681**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **00294F**, and if you desaturate by 10%, it is **082D4F**.

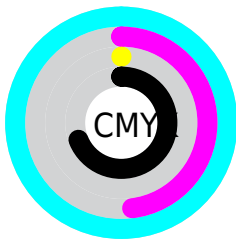
Distribution



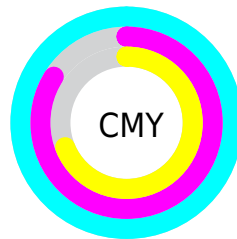
- Red (0%)
- Green (16%)
- Blue (31%)



- Red (0%)
- Yellow (11%)
- Blue (31%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00294F 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 00294F by changing the saturation by 10% instead.

00294F

00294F

FBFFFF

001538

3C5681

000222

566E9B

000008

7087B6

000000

8BA1D1

A6BCEE

C2D8FF

DEF4FF

00294F

■ 082D4F

■ 10314F

■ 18344F

■ 20384F

■ 283C4F

■ 2F404F

■ 37444F

■ 3F474F

■ 474B4F

Harmonies

Analogous

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



002E4C



00294F



2F2147

Triad

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



00294F



481A11



003019

Complementary

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



00294F



4F2600

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.



192E04



00294F



3E2200

Square

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



00294F



4B1524



2F2900



00312D

Rectangle

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



00294F



3E1B3D



2F2900



033012

Sweetspot

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



00294F



475766



004F25



212A33



B3B3B3



333333

Same Dimension

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



00294F



003566



00034F



222426



0077E6

Inverse Universe

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



4F0029



660035



4F4C00



262224



E60077

Previews

White Background



This preview shows how the Hex color 00294F 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

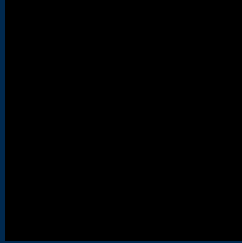
Any Text WCAG AA × Fail

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 00294F Background



This preview shows how black text looks on a background with the Hex color 00294F.



This preview shows how white text looks on a background with the Hex color 00294F.

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
00294F

Protanopia
15284E

Deuteranopia
002A4A

Trichromacy



Original Color
00294F

Protanomaly
0D284E

Deuteranomaly
002A4C

Tritanomaly
002C3C

Monochromacy



Original Color
00294F

Achromatopsia
212121

Achromatomaly
152432

CSS Examples

Text

The CSS property to change the color of the text to Hex 00294F 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 #00294F looks like.

```
.text, #text, p{  
    color:#00294F  
}
```

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 #00294F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00294F
}
```

Border

The CSS property to change the border of an element to Hex 00294F is called "border". The border property can be set on classes, ids or directly on the HTML element.

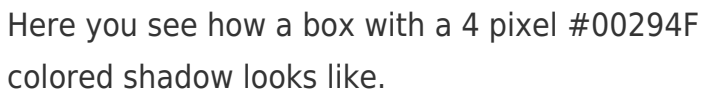
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00294F }
```

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

```
.border{ border-color:#00294F }
```

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



Here you see how a box with a 4 pixel #00294F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00294F; -webkit-box-shadow:4px 4px  
4px 4px #00294F; box-shadow:4px 4px 4px  
4px #00294F }
```

Background

The CSS property to change the background color of an element to Hex 00294F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00294F }
```

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

```
.background{ background-color:#00294F }
```

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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