

Converting Colors

Hex(01294B)

Have a look what the booklet for
Hex(01294B) contains.

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Color

Hex(01294B)

Conversions

Conversions Part 1

Format	Color
Hex	01294B
RGB	1, 41, 75
RGB Percent	0%, 16%, 29%
CMY	0.9961, 0.8392, 0.7059
CMYK	0.99, 0.45, 0.00, 0.71
HSL	208°, 97%, 15%
HSV	208°, 99%, 29%
XYZ	2.0755, 2.1003, 6.9526
YIQ	32.9160, -34.7540, 2.0940

Conversions

Conversions Part 2

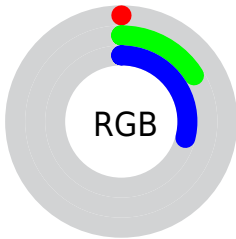
Format	Color
R_{YB}	1, 27, 75
Decimal	76107
CIE Lab	16.01, 1.80, -24.76
CIE LCh	16, 24.823, 274.158
Yxy	2.1003, 0.1865, 0.1887
Android (android.graphics.Color)	4278266187 (0xFF01294B)
YUV	32.9160, 20.7474, -27.9903
Hunter-Lab	14.4925, 0.2009, -18.2990

Details

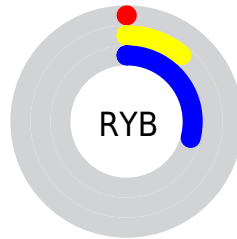
The Hex color **01294B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4B2301**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3B567C**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **00294B**, and if you desaturate by 10%, it is **082C4B**.

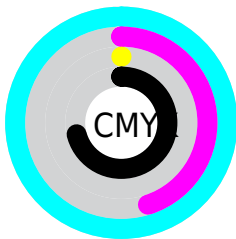
Distribution



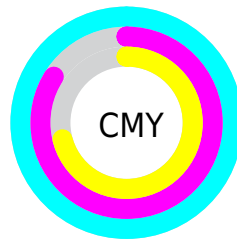
- Red (0%)
- Green (16%)
- Blue (29%)



- Red (0%)
- Yellow (11%)
- Blue (29%)



- Cyan (99%)
- Magenta (45%)
- Yellow (0%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 01294B 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 01294B by changing the saturation by 10% instead.

01294B

01294B

F9FFFF

001534

3B567C

00021F

556E96

000002

6F87B1

000000

89A1CC

A4BCE9

C0D8FF

DCF4FF

01294B

01294B

■ 00294B

■ 082C4B

■ 10304B

■ 17334B

■ 1F374B

■ 273A4B

■ 2E3E4B

■ 35414B

■ 3D454B

■ 45484B

Harmonies

Analogous

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



002E47



01294B



2B2245

Triad

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



01294B



461A15



002F18

Complementary

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



01294B



4B2301

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.



1D2C06



01294B



3D2103

Square

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



01294B



471726



2F2800



00302A

Rectangle

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



01294B



3A1D3D



2F2800



0B2E12

Sweetspot

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



01294B



445461



014B22



1F2830



B0B0B0



303030

Same Dimension

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



01294B



003461



01054B



222426



003766



007CE6

Inverse Universe

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



4B0129



610034



4B4701



262224



660037



E6007C

Previews

White Background



This preview shows how the Hex color 01294B looks on a white background.

Color Contrast Check

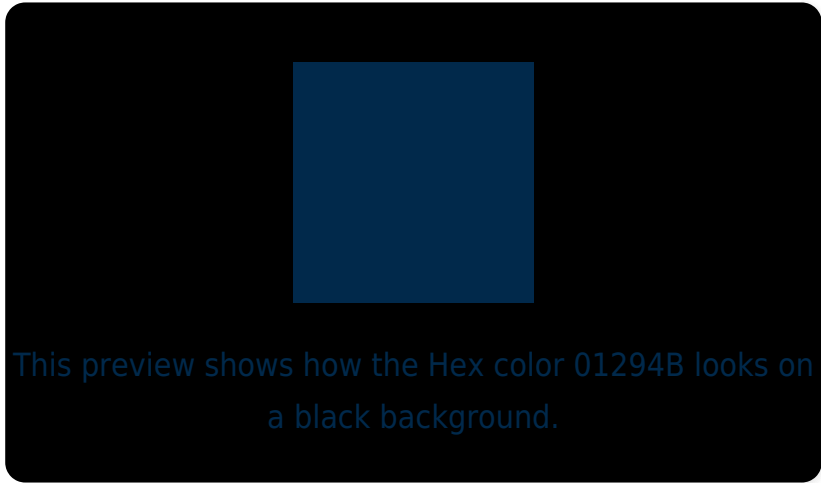
Large Text (above 18pt) WCAG AA ✓ Pass

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

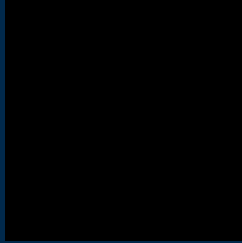
Any Text WCAG AA × Fail

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 01294B Background



This preview shows how black text looks on a background with the Hex color 01294B.



This preview shows how white text looks on a background with the Hex color 01294B.

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
01294B

Protanopia
182749

Deuteranopia
002949

Trichromacy



Original Color
01294B

Protanomaly
10284A

Deuteranomaly
00294A

Tritanomaly
002C3A

Monochromacy



Original Color
01294B

Achromatopsia
212121

Achromatomaly
152430

CSS Examples

Text

The CSS property to change the color of the text to Hex 01294B 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 #01294B looks like.

```
.text, #text, p{  
    color:#01294B  
}
```

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 #01294B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01294B
}
```

Border

The CSS property to change the border of an element to Hex 01294B 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
#01294B }
```

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

```
.border{ border-color:#01294B }
```

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

Here you see how a box with a 4 pixel #01294B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01294B; -webkit-box-shadow:4px 4px  
4px 4px #01294B; box-shadow:4px 4px 4px  
4px #01294B }
```

Background

The CSS property to change the background color of an element to Hex 01294B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01294B }
```

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

```
.background{ background-color:#01294B }
```

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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