

# Converting Colors

Hex(02626C)

Have a look what the booklet for  
Hex(02626C) contains.

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# Color

Hex(02626C)

# Conversions

## Conversions Part 1

Format	Color
Hex	02626C
RGB	2, 98, 108
RGB Percent	1%, 38%, 42%
CMY	0.9922, 0.6157, 0.5765
CMYK	0.98, 0.09, 0.00, 0.58
HSL	186°, 96%, 22%
HSV	186°, 98%, 42%
XYZ	7.0995, 9.8310, 15.7107
YIQ	70.4360, -60.4260, -17.2420

# Conversions

## Conversions Part 2

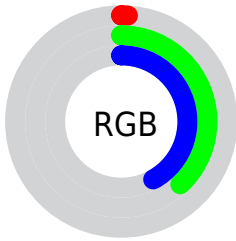
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 52, 108
Decimal	156268
CIELab	37.54, -20.19, -12.59
CIELCh	38, 23.799, 211.952
Yxy	9.8310, 0.2175, 0.3012
Android (android.graphics.Color)	4278346348 (0xFF02626C)
YUV	70.4360, 18.5191, -60.0184
Hunter-Lab	31.3544, -14.4529, -7.7604

# Details

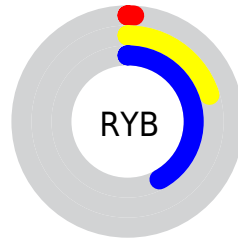
The Hex color **02626C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C0C02**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4A959F**, and **00333D** is the 20% darker color. If you saturate the color by 10%, you get **00626C**, and if you desaturate by 10%, it is **0D636C**.

# Distribution



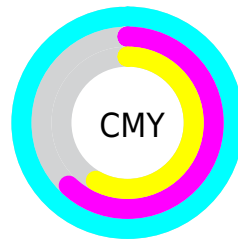
- Red (1%)
- Green (38%)
- Blue (42%)



- Red (1%)
- Yellow (20%)
- Blue (42%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02626C 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 02626C by changing the saturation by 10% instead.



02626C

02626C

FFFFFF

004A54

4A959F

00333D

66B0BA

001F27

82CBD6

000112

9DE8F2

000000

BAFFFF

D7FFFF

F4FFFF

02626C

02626C

■ 00626C

■ 0D636C

■ 18646C

■ 22656C

■ 2D666C

■ 38676C

■ 43686C

■ 4E696C

■ 586A6C

■ 636B6C

# Harmonies

## Analogous

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



1D6359



02626C



1B5F7A

# Triad

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



02626C



724C6B



645832

# Complementary

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



02626C



6C0C02

# 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.



745137



02626C



7D4958

# Square

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



02626C



5C5379



7D4B45



505D37

# Rectangle

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



02626C



335C7E



7D4B45



6A5532



# Sweetspot

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



02626C



64888C



026C0B



2E4547



C7C7C7



474747



# Same Dimension

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



02626C



007F8C



022E6C



303536



006A75



00DEF5



# Inverse Universe

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



6C0262



8C007F



6C4002



363035



75006A



F500DE



# Previews

## White Background



This preview shows how the Hex color 02626C 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

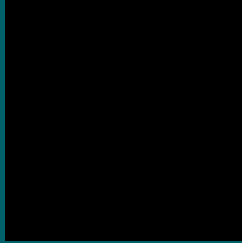
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

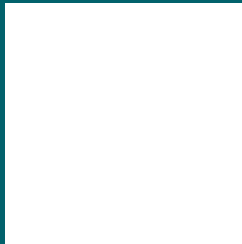
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 02626C Background



This preview shows how black text looks on a background with the Hex color 02626C.

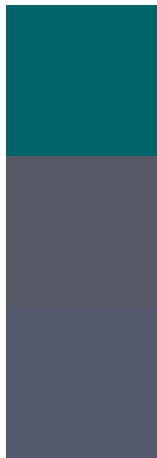


This preview shows how white text looks on a background with the Hex color 02626C.

# 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**  
02626C

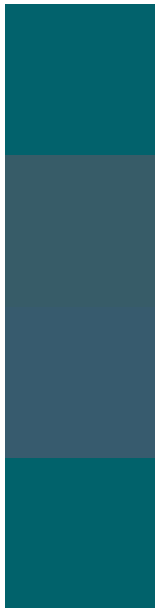
**Protanopia**  
565865

**Deuteranopia**  
55576F



**Tritanopia**  
00626A

# Trichromacy



**Original Color**  
02626C

**Protanomaly**  
375C68

**Deuteranomaly**  
375B6E

**Tritanomaly**  
01626B

# Monochromacy



**Original Color**  
02626C

**Achromatopsia**  
464646

**Achromatomaly**  
2D5054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02626C 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 #02626C looks like.

```
.text, #text, p{  
    color:#02626C  
}
```

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 #02626C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02626C
}
```

## Border

The CSS property to change the border of an element to Hex 02626C 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
#02626C }
```

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

```
.border{ border-color:#02626C }
```

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

Here you see how a box with a 4 pixel #02626C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02626C; -webkit-box-shadow:4px 4px  
4px 4px #02626C; box-shadow:4px 4px 4px  
4px #02626C }
```

# Background

The CSS property to change the background color of an element to Hex 02626C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02626C }
```

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

```
.background{ background-color:#02626C }
```

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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