

Converting Colors

Hex(02636B)

Have a look what the booklet for
Hex(02636B) contains.

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Color

Hex(02636B)

Conversions

Conversions Part 1

Format	Color
Hex	02636B
RGB	2, 99, 107
RGB Percent	1%, 39%, 42%
CMY	0.9922, 0.6118, 0.5804
CMYK	0.98, 0.07, 0.00, 0.58
HSL	185°, 96%, 21%
HSV	185°, 98%, 42%
XYZ	7.1407, 9.9981, 15.4634
YIQ	70.9090, -60.3800, -18.0760

Conversions

Conversions Part 2

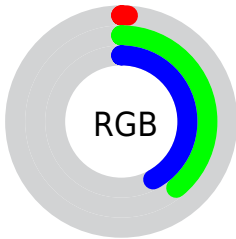
Format	Color
RYB	2, 52, 107
Decimal	156523
CIELab	37.84, -21.09, -11.52
CIELCh	38, 24.029, 208.650
Yxy	9.9981, 0.2190, 0.3067
Android (android.graphics.Color)	4278346603 (0xFF02636B)
YUV	70.9090, 17.7929, -60.4332
Hunter-Lab	31.6198, -15.0239, -6.8614

Details

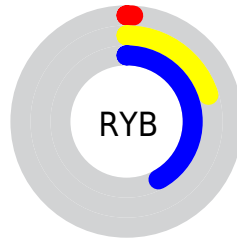
The Hex color **02636B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B0A02**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4A969E**, and **00343C** is the 20% darker color. If you saturate the color by 10%, you get **00636B**, and if you desaturate by 10%, it is **0D646B**.

Distribution



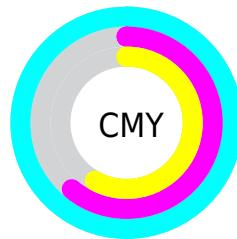
- Red (1%)
- Green (39%)
- Blue (42%)



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



- Cyan (98%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02636B 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 02636B by changing the saturation by 10% instead.

 02636B

 02636B

FFFFFF

 004B53


 4A969E

 00343C

 66B1B9

 002026

 82CDD5

 000111

 9DE9F1

 000000

 BAF0FF

 D7FFFF

 F4FFFF

 02636B

 02636B

■ 00636B

■ 0D646B

■ 17656B

■ 22656B

■ 2D666B

■ 38676B

■ 42686B

■ 4D696B

■ 586A6B

■ 626A6B

Harmonies

Analogous

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



216357



02636B



17607A

Triad

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



02636B



714E6E



675832

Complementary

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



02636B



6B0A02

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.



765138



02636B



7D4A5B

Square

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



02636B



5A547B



7E4B47



535D36

Rectangle

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



02636B



2F5D7F



7E4B47



6C5533

Sweetspot

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



02636B



64898C



026B09



2E4547



C7C7C7



474747

Same Dimension

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



02636B



00828C



02306B



303536



006C75



00E2F5

Inverse Universe

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



6B0263



8C0082



6B3E02



363035



75006C



F500E2

Previews

White Background



This preview shows how the Hex color 02636B looks on a white background.

Color Contrast Check

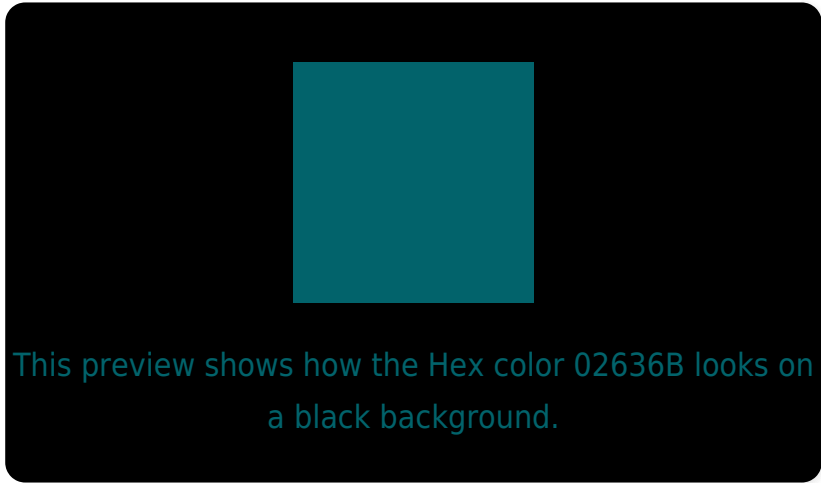
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

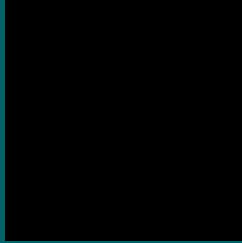
Any Text WCAG AA × Fail

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 02636B Background



This preview shows how black text looks on a background with the Hex color 02636B.

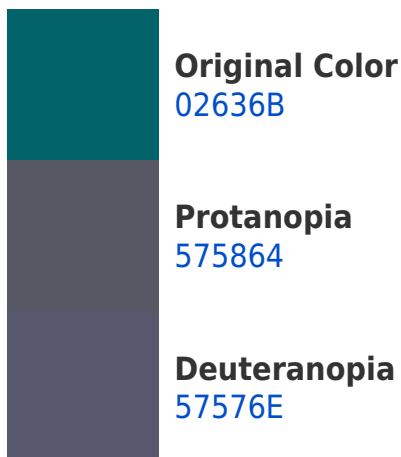


This preview shows how white text looks on a background with the Hex color 02636B.

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](#).

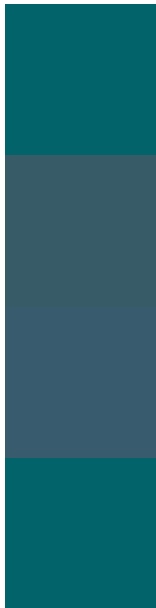
Dichromacy





Tritanopia
03636B

Trichromacy



Original Color
02636B

Protanomaly
385C67

Deuteranomaly
385B6D

Tritanomaly
03636B

Monochromacy



Original Color
02636B

Achromatopsia
474747

Achromatomaly
2E5154

CSS Examples

Text

The CSS property to change the color of the text to Hex 02636B 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 #02636B looks like.

```
.text, #text, p{  
    color:#02636B  
}
```

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 #02636B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02636B
}
```

Border

The CSS property to change the border of an element to Hex 02636B 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
#02636B }
```

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

```
.border{ border-color:#02636B }
```

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

Here you see how a box with a 4 pixel #02636B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02636B; -webkit-box-shadow:4px 4px  
4px 4px #02636B; box-shadow:4px 4px 4px  
4px #02636B }
```

Background

The CSS property to change the background color of an element to Hex 02636B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02636B }
```

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

```
.background{ background-color:#02636B }
```

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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