

Converting Colors

Hex(00626B)

Have a look what the booklet for
Hex(00626B) contains.

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Color

Hex(00626B)

Conversions

Conversions Part 1

Format	Color
Hex	00626B
RGB	0, 98, 107
RGB Percent	0%, 38%, 42%
CMY	1.0000, 0.6157, 0.5804
CMYK	1.00, 0.08, 0.00, 0.58
HSL	185°, 100%, 21%
HSV	185°, 100%, 42%
XYZ	7.0215, 9.7969, 15.4308
YIQ	69.7240, -61.2970, -17.9770

Conversions

Conversions Part 2

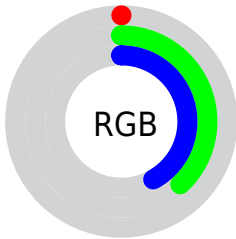
Format	Color
RYB	0, 51, 107
Decimal	25195
CIELab	37.48, -20.70, -12.07
CIELCh	37, 23.964, 210.255
Yxy	9.7969, 0.2177, 0.3038
Android (android.graphics.Color)	4278215275 (0xFF00626B)
YUV	69.7240, 18.3771, -61.1479
Hunter-Lab	31.3000, -14.7321, -7.3198

Details

The Hex color **00626B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B0900**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **49959E**, and **00333C** is the 20% darker color. If you saturate the color by 10%, you get **00626B**, and if you desaturate by 10%, it is **0B636B**.

Distribution



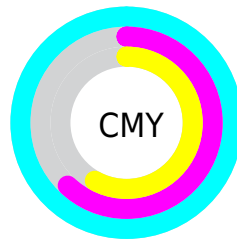
- Red (0%)
- Green (38%)
- Blue (42%)



- Red (0%)
- Yellow (20%)
- Blue (42%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00626B 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 00626B by changing the saturation by 10% instead.

 00626B

 00626B

FFFFFF

 004A53

 49959E

 00333C

 65B0B9

 001F26

 81CBD5

 000111

 9DE8F1

 000000

 B9FFFF

 D6FFFF

 F3FFFF

 00626B

 0B636B

 15646B

 20656B

 2B666B

 36666B

 40676B

 4B686B

 56696B

 606A6B

Harmonies

Analogous

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



1E6258



00626B



185F79

Triad

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



00626B



714C6C



655731

Complementary

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



00626B



6B0900

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.



745037



00626B



7C4959

Square

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



00626B



5B537A



7D4B46



515D36

Rectangle

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



00626B



305C7E



7D4B46



6A5532

Sweetspot

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



00626B



62898C



006B09



2E4547



C7C7C7



474747

Same Dimension

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



00626B



00808C



002D6B



303536



006B75



00E0F5

Inverse Universe

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



6B0062



8C0080



6B3E00



363035



75006B



F500E0

Previews

White Background



This preview shows how the Hex color 00626B looks on a white background.

Color Contrast Check

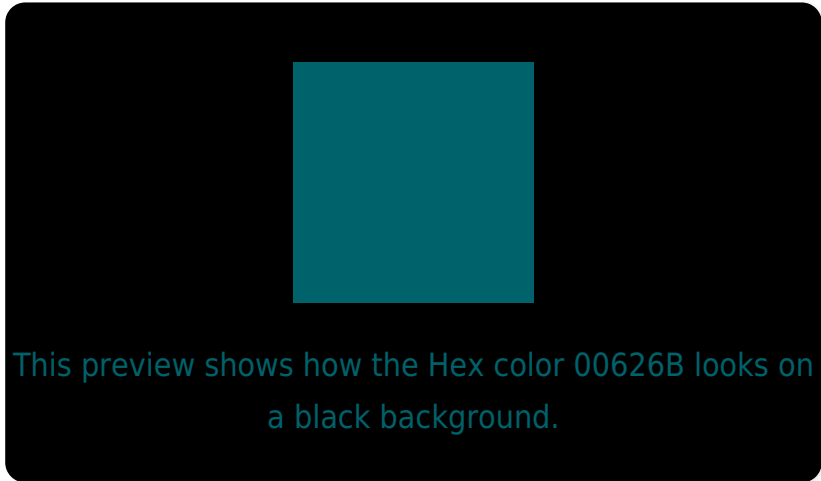
Large Text (above 18pt) WCAG AA ✓ Pass

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

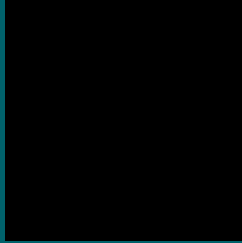
Any Text WCAG AA × Fail

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 00626B Background



This preview shows how black text looks on a background with the Hex color 00626B.

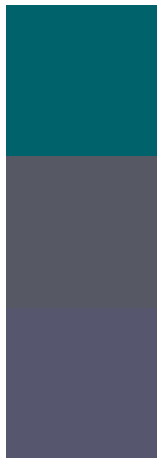


This preview shows how white text looks on a background with the Hex color 00626B.

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

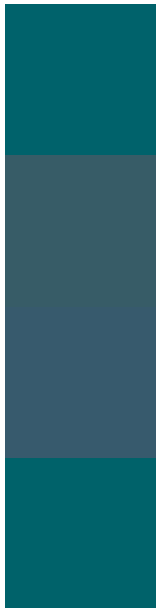


Original Color
00626B

Protanopia
565864

Deuteranopia
56566E

Trichromacy



Original Color
00626B

Protanomaly
375C67

Deuteranomaly
375A6D

Tritanomaly
00626A

Monochromacy



Original Color
00626B

Achromatopsia
464646

Achromatomaly
2D5053

CSS Examples

Text

The CSS property to change the color of the text to Hex 00626B 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 #00626B looks like.

```
.text, #text, p{  
    color:#00626B  
}
```

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 #00626B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00626B
}
```

Border

The CSS property to change the border of an element to Hex 00626B 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
#00626B }
```

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

```
.border{ border-color:#00626B }
```

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

Here you see how a box with a 4 pixel #00626B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00626B; -webkit-box-shadow:4px 4px  
4px 4px #00626B; box-shadow:4px 4px 4px  
4px #00626B }
```

Background

The CSS property to change the background color of an element to Hex 00626B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00626B }
```

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

```
.background{ background-color:#00626B }
```

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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