

# Converting Colors

Hex(026B5B)

Have a look what the booklet for  
Hex(026B5B) contains.

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# Color

Hex(026B5B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	026B5B
RGB	2, 107, 91
RGB Percent	1%, 42%, 36%
CMY	0.9922, 0.5804, 0.6431
CMYK	0.98, 0.00, 0.15, 0.58
HSL	171°, 96%, 21%
HSV	171°, 98%, 42%
XYZ	7.1711, 11.2836, 11.6975
YIQ	73.7810, -57.4440, -27.2360

# Conversions

## Conversions Part 2

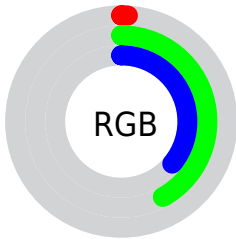
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 59, 107
Decimal	158555
CIELab	40.05, -30.34, 1.57
CIELCh	40, 30.376, 177.041
Yxy	11.2836, 0.2378, 0.3742
Android (android.graphics.Color)	4278348635 (0xFF026B5B)
YUV	73.7810, 8.4890, -62.9519
Hunter-Lab	33.5911, -20.6781, 2.8670

# Details

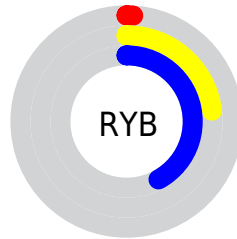
The Hex color **026B5B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B0212**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4A9F8D**, and **003B2D** is the 20% darker color. If you saturate the color by 10%, you get **006B5B**, and if you desaturate by 10%, it is **0D6B5D**.

# Distribution



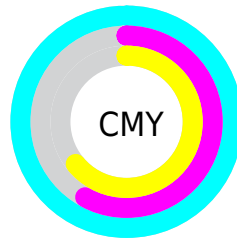
- Red (1%)
- Green (42%)
- Blue (36%)



- Red (1%)
- Yellow (23%)
- Blue (42%)



- Cyan (98%)
- Magenta (0%)
- Yellow (15%)
- Black (58%)



- Cyan (99%)
- Magenta (58%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 026B5B 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 026B5B by changing the saturation by 10% instead.





026B5B



026B5B

FFFFFF



005244



4A9F8D



003B2D



65BAA7



002519



81D6C3



000000



9DF3DE



B9FFFB



D6FFFF



F3FFFF



026B5B



026B5B

■ 006B5B

■ 0D6B5D

■ 176B5E

■ 226B60

■ 2D6B62

■ 386B63

■ 426B65

■ 4D6B66

■ 586B68

■ 626B6A

# Harmonies

## Analogous

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



396942



026B5B



006B74

# Triad

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



026B5B



5D598B



835335

# Complementary

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



026B5B



6B0212

# 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.



8D4C49



026B5B



7B507A

# Square

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



026B5B



2F6290



8B4A62



705C2C

# Rectangle

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



026B5B



006982



8B4A62



87503B



# Sweetspot

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



026B5B



648C86



136B02



2E4744



C7C7C7



474747



# Same Dimension

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



026B5B



008C77



02486B



303635



007563



00F5CF



# Inverse Universe

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



6B0212



8C0015



6B2502



363031



750012



F50025



# Previews

## White Background



This preview shows how the Hex color 026B5B looks on a white background.

## Color Contrast Check

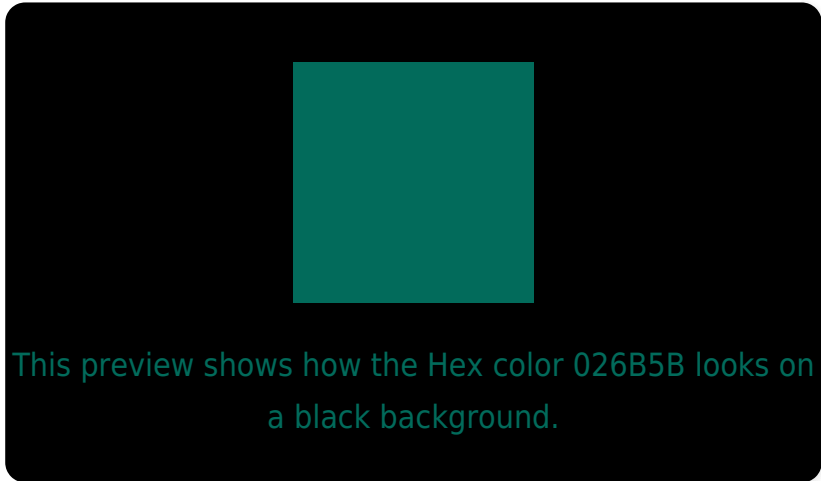
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

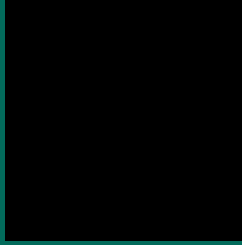
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 026B5B Background



This preview shows how black text looks on a background with the Hex color 026B5B.

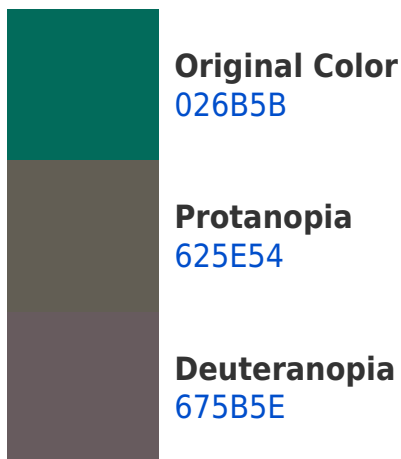


This preview shows how white text looks on a background with the Hex color 026B5B.

# 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**  
1E6870

# Trichromacy



**Original Color**  
026B5B

**Protanomaly**  
3F6357

**Deuteranomaly**  
42615D

**Tritanomaly**  
146968

# Monochromacy



**Original Color**  
026B5B

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
305650

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 026B5B 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 #026B5B looks like.

```
.text, #text, p{  
    color:#026B5B  
}
```

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 #026B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026B5B
}
```

## Border

The CSS property to change the border of an element to Hex 026B5B 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
#026B5B }
```

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

```
.border{ border-color:#026B5B }
```

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

Here you see how a box with a 4 pixel #026B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026B5B; -webkit-box-shadow:4px 4px  
4px 4px #026B5B; box-shadow:4px 4px 4px  
4px #026B5B }
```

# Background

The CSS property to change the background color of an element to Hex 026B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026B5B }
```

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

```
.background{ background-color:#026B5B }
```

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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