

# Converting Colors

Hex(026AA3)

Have a look what the booklet for  
Hex(026AA3) contains.

<b>Hex(026AA3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(026AA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	026AA3
RGB	2, 106, 163
RGB Percent	1%, 42%, 64%
CMY	0.9922, 0.5843, 0.3608
CMYK	0.99, 0.35, 0.00, 0.36
HSL	201°, 98%, 32%
HSV	201°, 99%, 64%
XYZ	11.7899, 12.9653, 36.5315
YIQ	81.4020, -80.2810, -4.3210

# Conversions

## Conversions Part 2

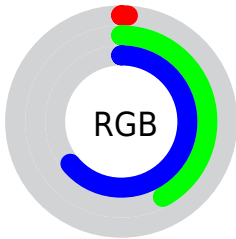
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 65, 163
Decimal	158371
CIE <sub>Lab</sub>	42.71, -3.70, -37.75
CIE <sub>LCh</sub>	43, 37.929, 264.396
Yxy	12.9653, 0.1924, 0.2116
Android (android.graphics.Color)	4278348451 (0xFF026AA3)
YUV	81.4020, 40.2278, -69.6356
Hunter-Lab	36.0074, -4.5665, -34.9478

# Details

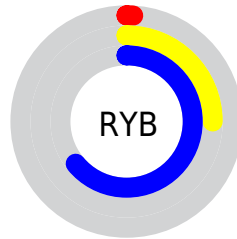
The Hex color **026AA3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A33B02**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **589DDA**, and **003B6F** is the 20% darker color. If you saturate the color by 10%, you get **0069A3**, and if you desaturate by 10%, it is **1270A3**.

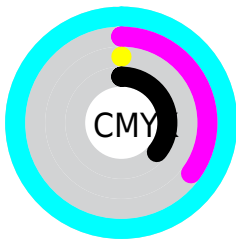
# Distribution



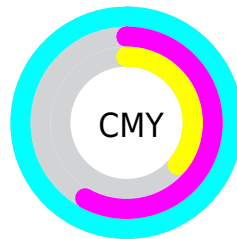
- Red (1%)
- Green (42%)
- Blue (64%)



- Red (1%)
- Yellow (25%)
- Blue (64%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (36%)



- Cyan (99%)
- Magenta (58%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 026AA3 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 026AA3 by changing the saturation by 10% instead.



■ 026AA3

■ 026AA3

FFFFFF

■ 005288

■ 589DDA

■ 003B6F

■ 76B8F7

■ 002656

■ 93D3FF

■ 00113E

■ B0F0FF

■ 000328

■ CEFFFF

■ 000112

■ ECFFFF

■ 000000

■ 026AA3

■ 026AA3

■ 0069A3

■ 1270A3

■ 2376A3

■ 337BA3

■ 4381A3

■ 5387A3

■ 648DA3

■ 7492A3

■ 8498A3

■ 959EA3

# Harmonies

## Analogous

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



007197



026AA3



5D5F9E

# Triad

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



026AA3



9F4C4D



36713F

# Complementary

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



026AA3



A33B02

# 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.



5D6B29



026AA3



935533

# Square

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



026AA3



9B4A6C



7C6124



00745E

# Rectangle

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



026AA3



7A5692



7C6124



456F36



# Sweetspot

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



026AA3



94BDD4



02A33A



455D6B



EBEBEB



6B6B6B



# Same Dimension

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



026AA3



0089D4



021AA3



494F52



005E91



000C12



# Inverse Universe

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



A3026A



D40089



A38B02



52494F



91005E



12000C



# Previews

## White Background



This preview shows how the Hex color 026AA3 looks on a white background.

### Color Contrast Check

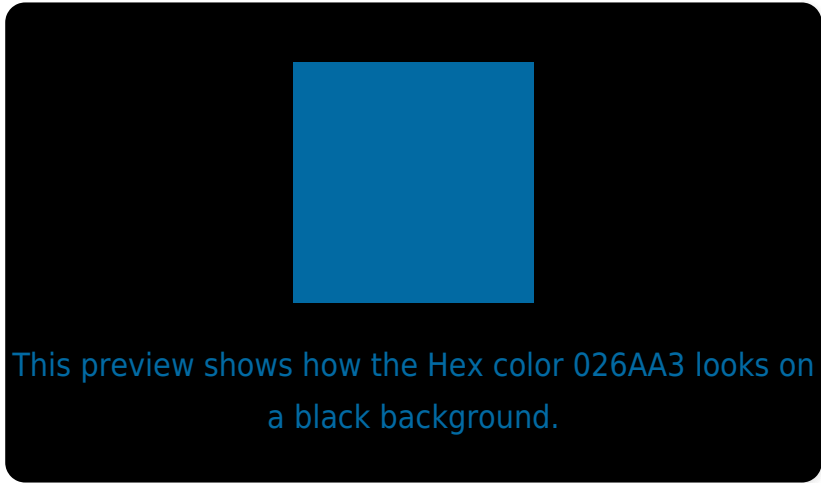
Large Text (above 18pt) WCAG AA ✓ Pass

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

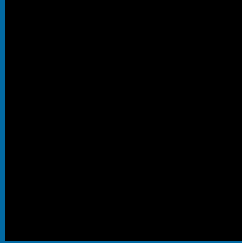
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 026AA3 Background



This preview shows how black text looks on a background with the Hex color 026AA3.

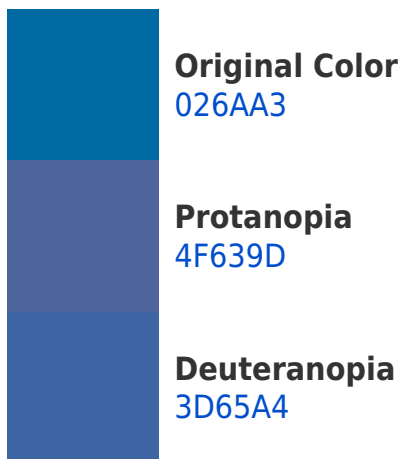


This preview shows how white text looks on a background with the Hex color 026AA3.

# 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**  
007078

# Trichromacy



**Original Color**  
026AA3

**Protanomaly**  
33669F

**Deuteranomaly**  
2867A4

**Tritanomaly**  
016E88

# Monochromacy



**Original Color**  
026AA3

**Achromatopsia**  
515151

**Achromatomaly**  
345A6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 026AA3 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 #026AA3 looks like.

```
.text, #text, p{  
    color:#026AA3  
}
```

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 #026AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026AA3
}
```

## Border

The CSS property to change the border of an element to Hex 026AA3 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
#026AA3 }
```

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

```
.border{ border-color:#026AA3 }
```

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

Here you see how a box with a 4 pixel #026AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026AA3; -webkit-box-shadow:4px 4px  
4px 4px #026AA3; box-shadow:4px 4px 4px  
4px #026AA3 }
```

# Background

The CSS property to change the background color of an element to Hex 026AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026AA3 }
```

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

```
.background{ background-color:#026AA3 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor