

# Converting Colors

Decimal(26274)

Have a look what the booklet for  
Decimal(26274) contains.

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# Color

**Decimal(26274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0066A2
RGB	0, 102, 162
RGB Percent	0%, 40%, 64%
CMY	1.0000, 0.6000, 0.3647
CMYK	1.00, 0.37, 0.00, 0.36
HSL	202°, 100%, 32%
HSV	202°, 100%, 64%
XYZ	11.2730, 12.1114, 35.9260
YIQ	78.3420, -80.0520, -2.9640

# Conversions

## Conversions Part 2

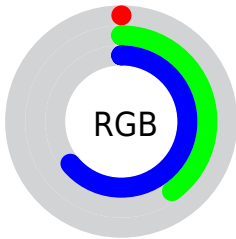
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 63, 162
Decimal	26274
CIE Lab	41.39, -1.72, -39.25
CIE LCh	41, 39.287, 267.490
Yxy	12.1114, 0.1901, 0.2042
Android (android.graphics.Color)	4278216354 (0xFF0066A2)
YUV	78.3420, 41.2434, -68.7059
Hunter-Lab	34.8014, -3.0823, -36.8450

# Details

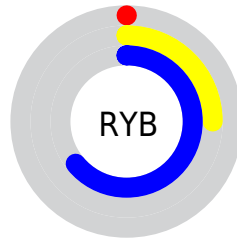
The Decimal color **26274** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10632192**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **5741017**, and **14446** is the 20% darker color. If you saturate the color by 10%, you get **26274**, and if you desaturate by 10%, it is **1076386**.

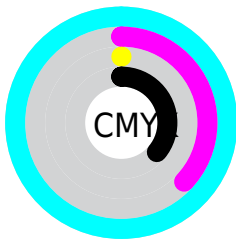
# Distribution



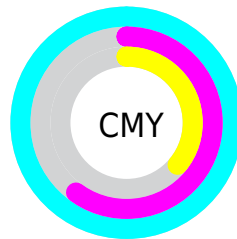
- Red (0%)
- Green (40%)
- Blue (64%)



- Red (0%)
- Yellow (25%)
- Blue (64%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (36%)



















- Cyan (100%)
- Magenta (60%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 26274 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 Decimal color 26274 by changing the saturation by 10% instead.



 26274	 26274
 16777215	 20103
 5741017	 14446
 7713782	 9045
 9621503	 3134
 11529215	 807
 13500415	 272
 15466495	 0

 26274

 1076386

■ 2126498

■ 3242146

■ 4292258

■ 5342370

■ 6392482

■ 7442594

■ 8558242

■ 9608354

# Harmonies

## Analogous

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



28311



26274



6183579

# Triad

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



26274



10242118



2846269

# Complementary

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



26274



10632192

# 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.



5663013



26274



9327403

# Square

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



26274



10110310



7757597



29022

# Rectangle

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



26274



8081806



7757597



3960116



# Sweetspot

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



26274



9747668



41531



4545899



15461355



7039851



# Same Dimension

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



26274



34260



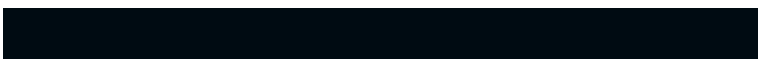
5794



4804434



23697



2834



# Inverse Universe

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



10616934



13893765



10652672



5392719



9502812



1179659



# Previews

## White Background



This preview shows how the Decimal color 26274 looks on a white background.

## Color Contrast Check

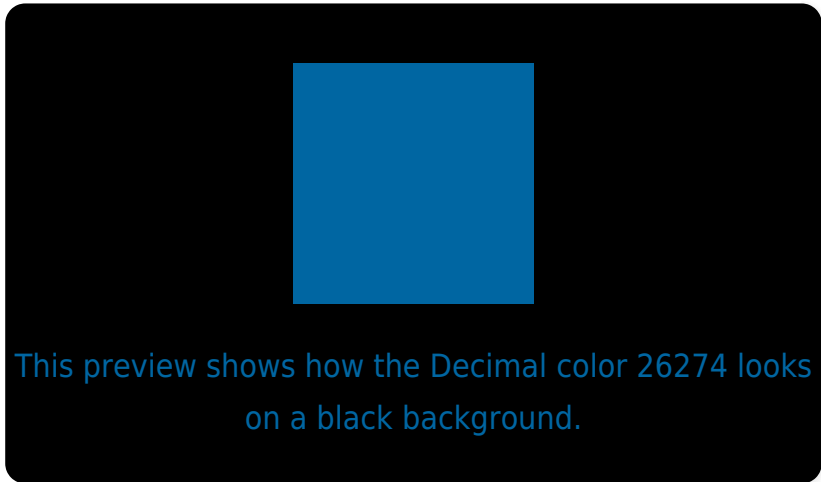
Large Text (above 18pt) WCAG AA ✓ Pass

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

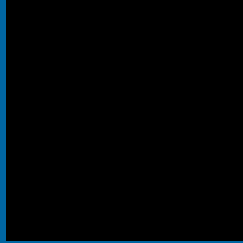
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 26274 Background



This preview shows how black text looks on a background with the Decimal color 26274.



This preview shows how white text looks on a background with the Decimal color 26274.

# Color Blindness Simulation

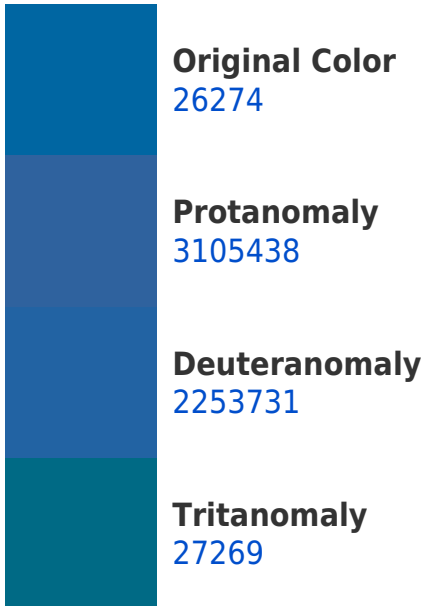
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 26274 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 #0066A2 looks like.

```
.text, #text, p{  
    color:#0066A2  
}
```

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 #0066A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0066A2
}
```

## Border

The CSS property to change the border of an element to Decimal 26274 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
#0066A2 }
```

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

```
.border{ border-color:#0066A2 }
```

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

Here you see how a box with a 4 pixel #0066A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0066A2; -webkit-box-shadow:4px 4px  
4px 4px #0066A2; box-shadow:4px 4px 4px  
4px #0066A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 26274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0066A2 }
```

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

```
.background{ background-color:#0066A2 }
```

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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