

# Converting Colors

Decimal(27821)

Have a look what the booklet for  
Decimal(27821) contains.

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# Color

**Decimal(27821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006CAD
RGB	0, 108, 173
RGB Percent	0%, 42%, 68%
CMY	1.0000, 0.5765, 0.3216
CMYK	1.00, 0.38, 0.00, 0.32
HSL	203°, 100%, 34%
HSV	203°, 100%, 68%
XYZ	12.9054, 13.7423, 41.5075
YIQ	83.1180, -85.2330, -2.6810

# Conversions

## Conversions Part 2

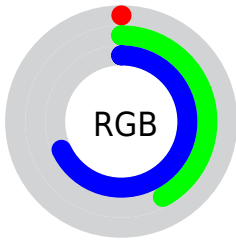
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 173
Decimal	27821
CIELab	43.86, -1.03, -41.81
CIELCh	44, 41.821, 268.585
Yxy	13.7423, 0.1894, 0.2016
Android (android.graphics.Color)	4278217901 (0xFF006CAD)
YUV	83.1180, 44.3118, -72.8945
Hunter-Lab	37.0705, -2.7322, -40.4370

# Details

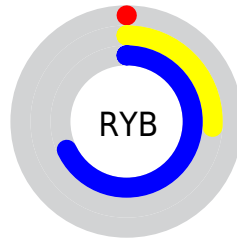
The Decimal color **27821** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11354368**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **5939173**, and **15736** is the 20% darker color. If you saturate the color by 10%, you get **27821**, and if you desaturate by 10%, it is **1143469**.

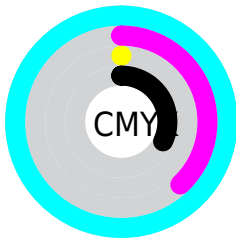
# Distribution



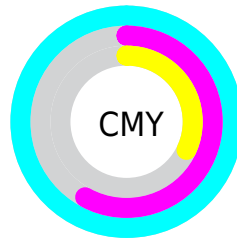
- Red (0%)
- Green (42%)
- Blue (68%)



- Red (0%)
- Yellow (26%)
- Blue (68%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (32%)



















- Cyan (100%)
- Magenta (58%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 27821 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 27821 by changing the saturation by 10% instead.



 27821	 27821
 16777215	 21650
 5939173	 15736
 7912191	 10335
 9885183	 5191
 11858687	 1072
 13762559	 282
 15794175	 0

 27821

 1143469

■ 2324909

■ 3440813

■ 4556461

■ 5737901

■ 6853549

■ 7969453

■ 9085101

■ 10266541

# Harmonies

## Analogous

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



29858



27821



6709157

# Triad

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



27821



10898504



2782786

# Complementary

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



27821



11354368

# 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.



5861159



27821



9918508

# Square

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



27821



10831979



8152349



30821

# Rectangle

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



27821



8738198



8152349



4027448



# Sweetspot

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



27821



10340320



44351



4743536



15790320



7368816



# Same Dimension

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



27821



36064



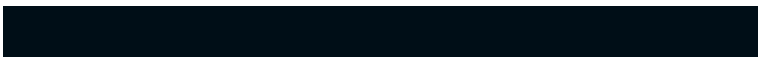
6061



5133143



24214



3607



# Inverse Universe

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



11337836



14680204



11376128



5721683



9830494



1507342



# Previews

## White Background



This preview shows how the Decimal color 27821 looks on a white background.

## Color Contrast Check

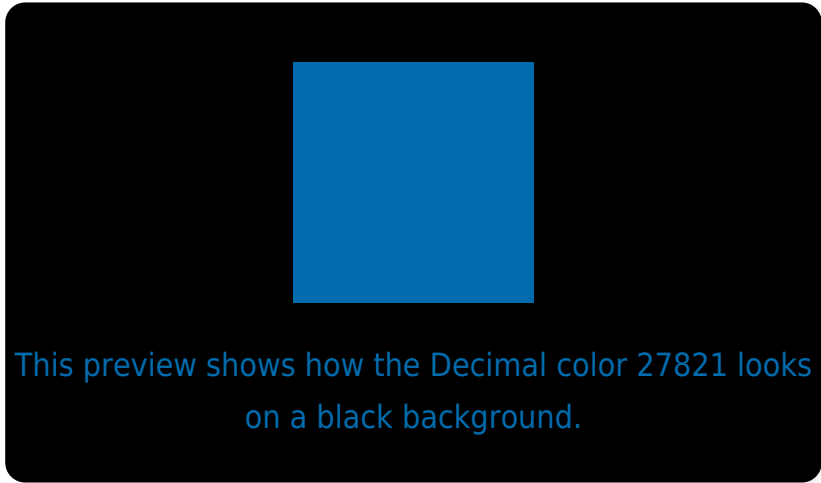
Large Text (above 18pt) WCAG AA ✓ Pass

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 27821 Background



This preview shows how black text looks on a background with the Decimal color 27821.



This preview shows how white text looks on a background with the Decimal color 27821.

# Color Blindness Simulation

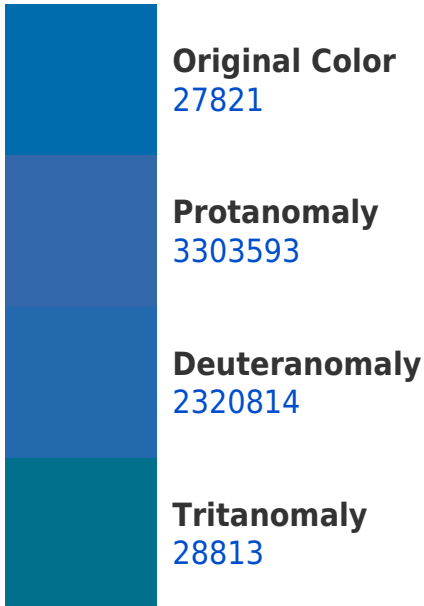
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 27821 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 #006CAD looks like.

```
.text, #text, p{  
    color:#006CAD  
}
```

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 #006CAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006CAD
}
```

## Border

The CSS property to change the border of an element to Decimal 27821 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
#006CAD }
```

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

```
.border{ border-color:#006CAD }
```

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

Here you see how a box with a 4 pixel #006CAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006CAD; -webkit-box-shadow:4px 4px  
4px 4px #006CAD; box-shadow:4px 4px 4px  
4px #006CAD }
```

# Background

The CSS property to change the background color of an element to Decimal 27821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006CAD }
```

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

```
.background{ background-color:#006CAD }
```

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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