

Converting Colors

Decimal(27819)

Have a look what the booklet for
Decimal(27819) contains.

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Color

Decimal(27819)

Conversions

Conversions Part 1

Format	Color
Hex	006CAB
RGB	0, 108, 171
RGB Percent	0%, 42%, 67%
CMY	1.0000, 0.5765, 0.3294
CMYK	1.00, 0.37, 0.00, 0.33
HSL	202°, 100%, 34%
HSV	202°, 100%, 67%
XYZ	12.7132, 13.6654, 40.4957
YIQ	82.8900, -84.5910, -3.3030

Conversions

Conversions Part 2

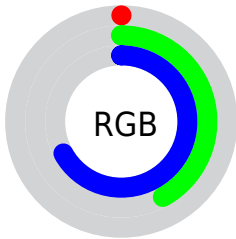
Format	Color
RYB	0, 66, 171
Decimal	27819
CIELab	43.75, -1.83, -40.81
CIELCh	44, 40.854, 267.429
Yxy	13.6654, 0.1901, 0.2043
Android (android.graphics.Color)	4278217899 (0xFF006CAB)
YUV	82.8900, 43.4382, -72.6945
Hunter-Lab	36.9667, -3.3038, -39.0733

Details

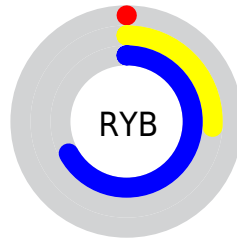
The Decimal color **27819** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11222784**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **5873635**, and **15734** is the 20% darker color. If you saturate the color by 10%, you get **27819**, and if you desaturate by 10%, it is **1143467**.

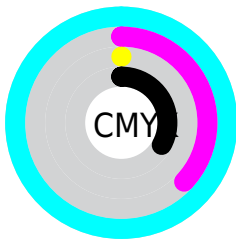
Distribution



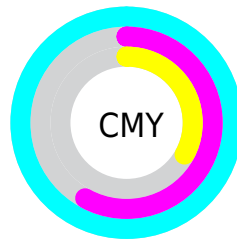
- Red (0%)
- Green (42%)
- Blue (67%)



- Red (0%)
- Yellow (26%)
- Blue (67%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (33%)



















- Cyan (100%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27819 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 27819 by changing the saturation by 10% instead.

 27819	 27819
 16777215	 21648
 5873635	 15734
 7912191	 10333
 9819903	 5189
 11793151	 1070
 13762559	 281
 15728639	 0

 27819

 1143467

■ 2259371

■ 3375019

■ 4490667

■ 5606315

■ 6787755

■ 7903403

■ 9019051

■ 10134955

Harmonies

Analogous

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



29856



27819



6578340

Triad

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



27819



10832970



3044673

Complementary

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



27819



11222784

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.



5992231



27819



9852974

Square

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



27819



10701164



8217888



30819

Rectangle

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



27819



8541846



8217888



4223799

Sweetspot

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



27819



10208734



43839



4743536



15790320



7368816

Same Dimension

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



27819



36062



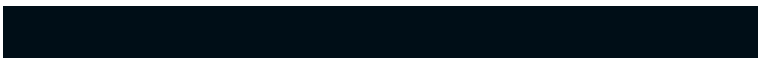
6059



5133399



24470



3607

Inverse Universe

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



11206764



14549132



11244544



5721684



9830495



1507342

Previews

White Background



This preview shows how the Decimal color 27819 looks on a white background.

Color Contrast Check

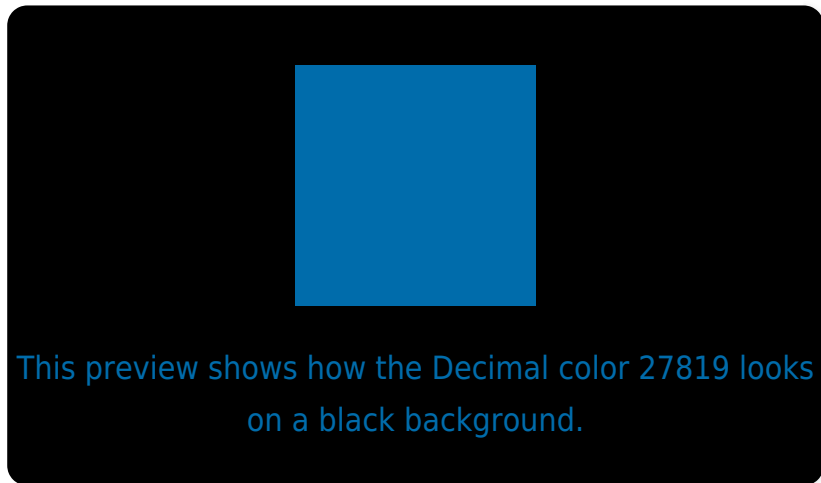
Large Text (above 18pt) WCAG AA ✓ Pass

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

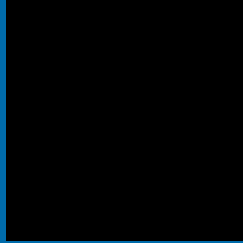
Any Text WCAG AA × Fail

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 27819 Background



This preview shows how black text looks on a background with the Decimal color 27819.



This preview shows how white text looks on a background with the Decimal color 27819.

Color Blindness Simulation

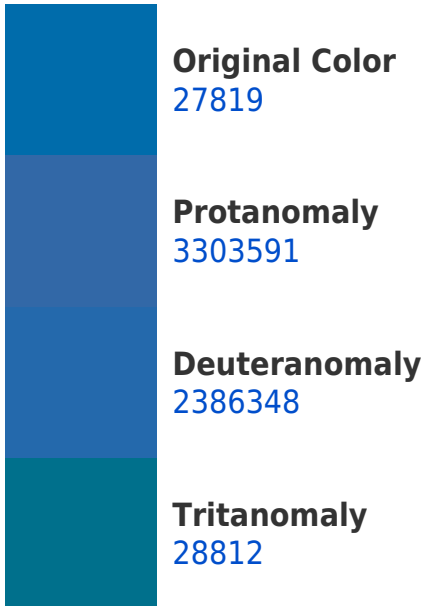
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

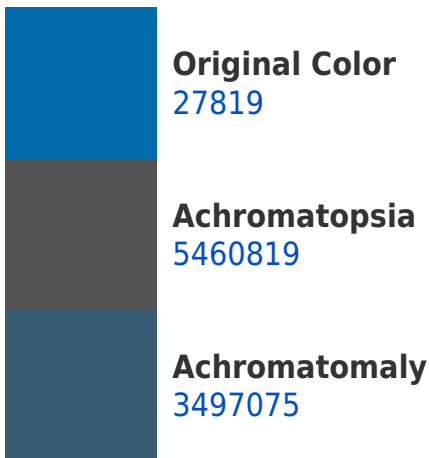




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 27819 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 #006CAB looks like.

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

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 #006CAB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 27819 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
#006CAB }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 27819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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