

Converting Colors

Decimal(27539)

Have a look what the booklet for
Decimal(27539) contains.

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Color

Decimal(27539)

Conversions

Conversions Part 1

Format	Color
Hex	006B93
RGB	0, 107, 147
RGB Percent	0%, 42%, 58%
CMY	1.0000, 0.5804, 0.4235
CMYK	1.00, 0.27, 0.00, 0.42
HSL	196°, 100%, 29%
HSV	196°, 100%, 58%
XYZ	10.5242, 12.6220, 29.4854
YIQ	79.5670, -76.6120, -10.2440

Conversions

Conversions Part 2

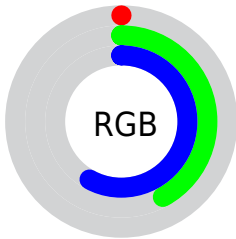
Format	Color
RYB	0, 62, 147
Decimal	27539
CIELab	42.19, -10.71, -29.07
CIELCh	42, 30.981, 249.768
Yxy	12.6220, 0.2000, 0.2398
Android (android.graphics.Color)	4278217619 (0xFF006B93)
YUV	79.5670, 33.2445, -69.7803
Hunter-Lab	35.5274, -9.2966, -24.3375

Details

The Decimal color **27539** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9644032**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **5480137**, and **15456** is the 20% darker color. If you saturate the color by 10%, you get **27539**, and if you desaturate by 10%, it is **1011603**.

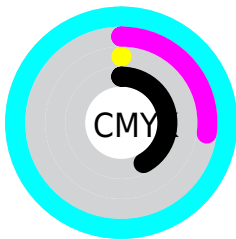
Distribution



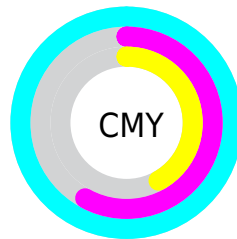
- Red (0%)
- Green (42%)
- Blue (58%)



- Red (0%)
- Yellow (24%)
- Blue (58%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)

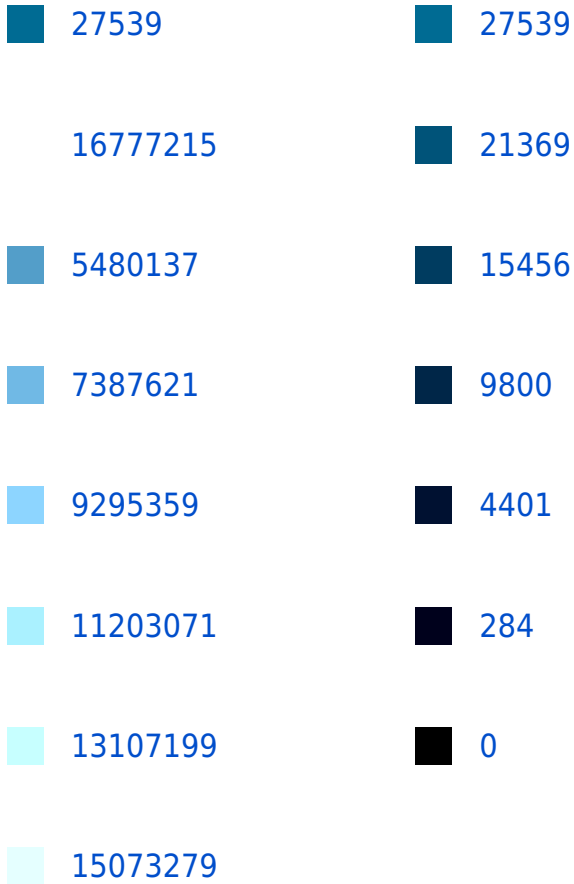


- Cyan (100%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27539 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 27539 by changing the saturation by 10% instead.



27539

1011603

■ 1930131

■ 2914195

■ 3898259

■ 4882323

■ 5800851

■ 6784915

■ 7768979

■ 8687507

Harmonies

Analogous

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



28547



27539



4875158

Triad

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



27539



9719644



5270587

Complementary

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



27539



9644032

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.



7038256



27539



9458500

Square

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



27539



9064822



8543284



2977873

Rectangle

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



27539



6643088



8543284



5859894

Sweetspot

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



27539



8827071



37671



4085601



14737632



6381921

Same Dimension

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



27539



35775



8851



4409418



25738



1802

Inverse Universe

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



9633899



12517515



9662720



4866888



9044068



655367

Previews

White Background



This preview shows how the Decimal color 27539 looks on a white background.

Color Contrast Check

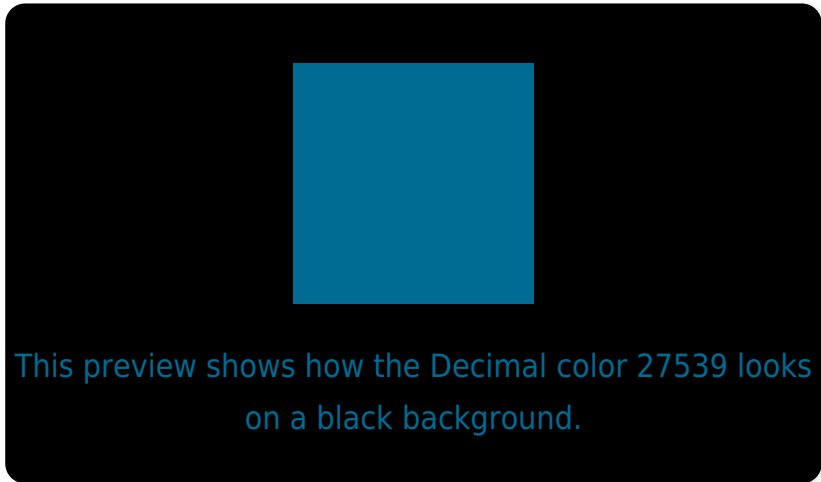
Large Text (above 18pt) WCAG AA ✓ Pass

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

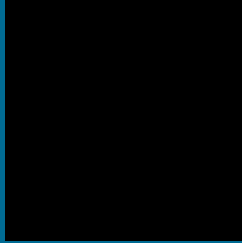
Any Text WCAG AA × Fail

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 27539 Background



This preview shows how black text looks on a background with the Decimal color 27539.



This preview shows how white text looks on a background with the Decimal color 27539.

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](#).

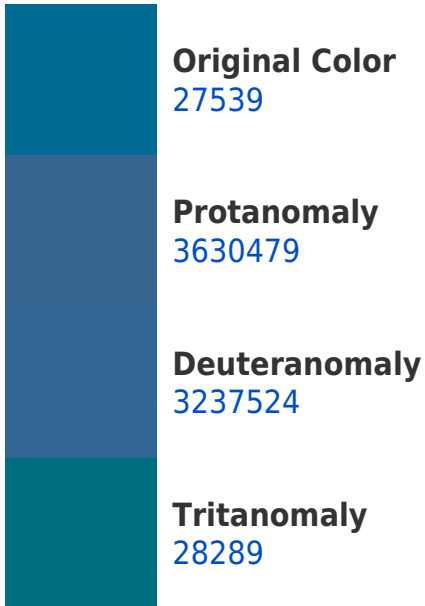
Dichromacy



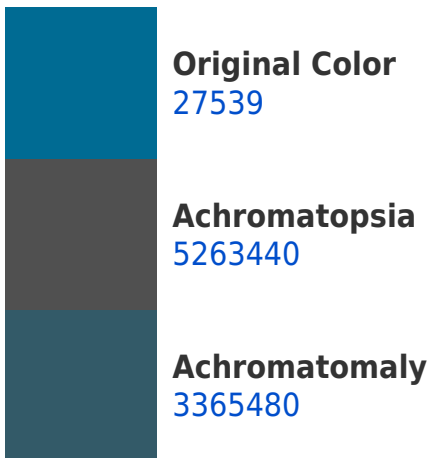


Tritanopia
28535

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 27539 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 #006B93 looks like.

```
.text, #text, p{  
    color:#006B93  
}
```

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 #006B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B93
}
```

Border

The CSS property to change the border of an element to Decimal 27539 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
#006B93 }
```

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

```
.border{ border-color:#006B93 }
```

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

Here you see how a box with a 4 pixel #006B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B93; -webkit-box-shadow:4px 4px  
4px 4px #006B93; box-shadow:4px 4px 4px  
4px #006B93 }
```

Background

The CSS property to change the background color of an element to Decimal 27539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B93 }
```

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

```
.background{ background-color:#006B93 }
```

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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