

# Converting Colors

Decimal(27562)

Have a look what the booklet for  
Decimal(27562) contains.

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# Color

**Decimal(27562)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006BAA
RGB	0, 107, 170
RGB Percent	0%, 42%, 67%
CMY	1.0000, 0.5804, 0.3333
CMYK	1.00, 0.37, 0.00, 0.33
HSL	202°, 100%, 33%
HSV	202°, 100%, 67%
XYZ	12.5134, 13.4177, 39.9606
YIQ	82.1890, -83.9950, -3.0910

# Conversions

## Conversions Part 2

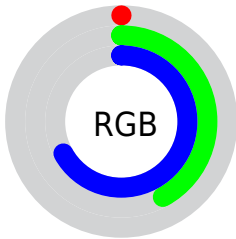
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 170
Decimal	27562
CIELab	43.39, -1.61, -40.80
CIELCh	43, 40.835, 267.735
Yxy	13.4177, 0.1899, 0.2036
Android (android.graphics.Color)	4278217642 (0xFF006BAA)
YUV	82.1890, 43.2908, -72.0798
Hunter-Lab	36.6301, -3.1245, -39.0396

# Details

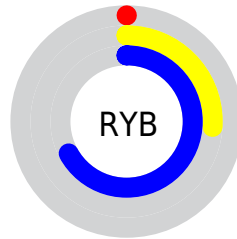
The Decimal color **27562** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11157248**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **5873378**, and **15477** is the 20% darker color. If you saturate the color by 10%, you get **27562**, and if you desaturate by 10%, it is **1143210**.

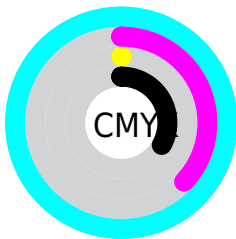
# Distribution



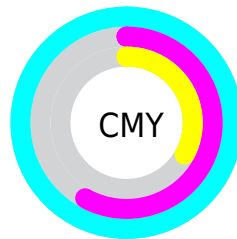
- Red (0%)
- Green (42%)
- Blue (67%)



- 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 27562 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 27562 by changing the saturation by 10% instead.



 27562	 27562
 16777215	 21391
 5873378	 15477
 7846399	 10076
 9819391	 4676
 11792895	 813
 13697023	 280
 15663103	 0

 27562

 1143210

■ 2259114

■ 3374762

■ 4490410

■ 5606058

■ 6721962

■ 7837610

■ 8953258

■ 10069162

# Harmonies

## Analogous

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



29599



27562



6512547

# Triad

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



27562



10701897



2978881

# Complementary

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



27562



11157248

# 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.



5926439



27562



9787181

# Square

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



27562



10635370



8086559



30563

# Rectangle

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



27562



8541588



8086559



4092471



# Sweetspot

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



27562



10208734



43582



4743536



15790320



7368816



# Same Dimension

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



27562



36062



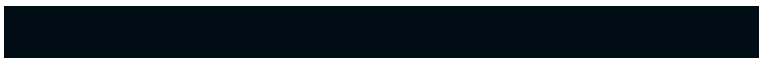
6058



5001556



23956



3348



# Inverse Universe

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



11141227



14549132



11178752



5524561



9699421



1310733



# Previews

## White Background



This preview shows how the Decimal color 27562 looks on a white background.

### Color Contrast Check

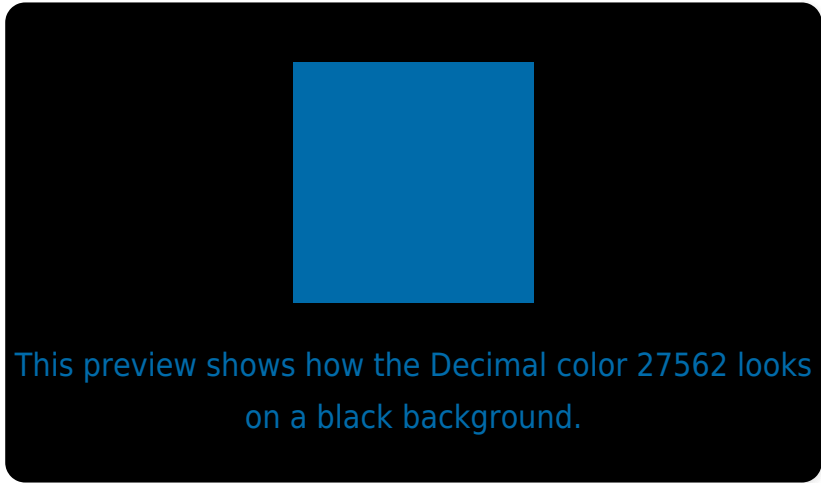
Large Text (above 18pt) WCAG AA ✓ Pass

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

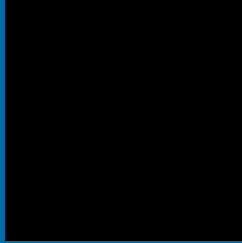
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 27562 Background



This preview shows how black text looks on a background with the Decimal color 27562.



This preview shows how white text looks on a background with the Decimal color 27562.

# 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**  
29306

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 27562 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 #006BAA looks like.

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

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 #006BAA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 27562 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
#006BAA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 27562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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