

# Converting Colors

Decimal(28362)

Have a look what the booklet for  
Decimal(28362) contains.

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# Color

**Decimal(28362)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006ECA
RGB	0, 110, 202
RGB Percent	0%, 43%, 79%
CMY	1.0000, 0.5686, 0.2078
CMYK	1.00, 0.46, 0.00, 0.21
HSL	207°, 100%, 40%
HSV	207°, 100%, 79%
XYZ	16.2366, 15.4161, 57.9970
YIQ	87.5980, -95.0920, 5.2920

# Conversions

## Conversions Part 2

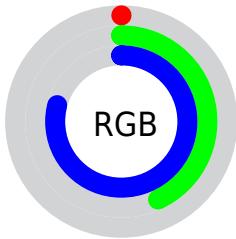
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 202
Decimal	28362
CIELab	46.20, 9.33, -54.88
CIELCh	46, 55.671, 279.650
Yxy	15.4161, 0.1811, 0.1720
Android (android.graphics.Color)	4278218442 (0xFF006ECA)
YUV	87.5980, 56.4002, -76.8234
Hunter-Lab	39.2634, 5.1043, -60.0944

# Details

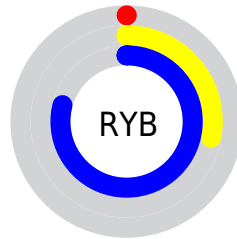
The Decimal color **28362** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **13261824**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **6463999**, and **16531** is the 20% darker color. If you saturate the color by 10%, you get **28362**, and if you desaturate by 10%, it is **1341386**.

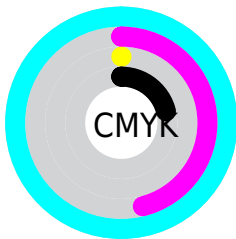
# Distribution



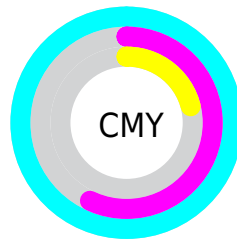
- Red (0%)
- Green (43%)
- Blue (79%)



- Red (0%)
- Yellow (28%)
- Blue (79%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (21%)



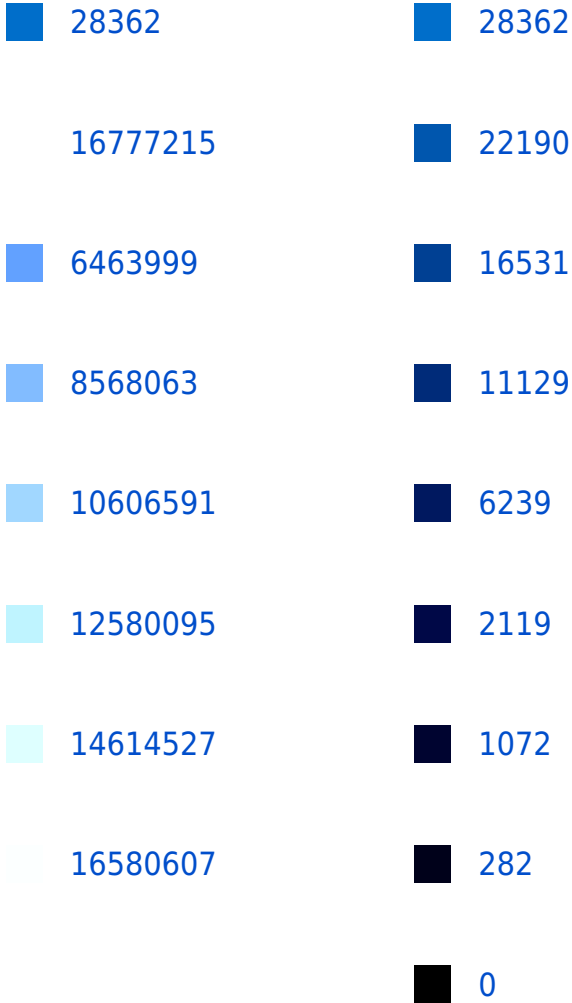
- Cyan (100%)
- Magenta (57%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 28362 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 28362 by changing the saturation by 10% instead.





 28362

■ 1341386

■ 2654410

■ 4033226

■ 5346250

■ 6659274

■ 7972298

■ 9285322

■ 10664138

■ 11977162

# Harmonies

## Analogous

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



31685



28362



8542902

# Triad

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



28362



12077876



33099

# Complementary

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



28362



13261824

# 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.



4356893



28362



10313481

# Square

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



28362



12598624



7761920



33660

# Rectangle

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



28362



10767261



7761920



32571

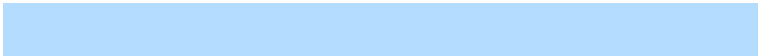


# Sweetspot

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



28362



11787519



51803



5401472



0



8421504



# Same Dimension

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



28362



35839



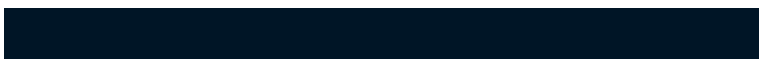
2762



6054246



23206



5414



# Inverse Universe

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



13238382



16711819



13287424



6708321



10879066



2490389



# Previews

## White Background



This preview shows how the Decimal color 28362 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



This preview shows how the Decimal color 28362 looks on a 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 28362 Background



This preview shows how black text looks on a background with the Decimal color 28362.

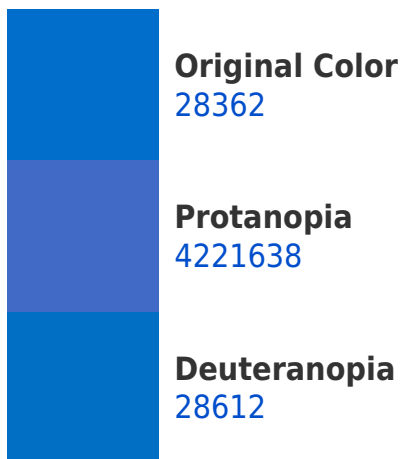


This preview shows how white text looks on a background with the Decimal color 28362.

# 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](#).

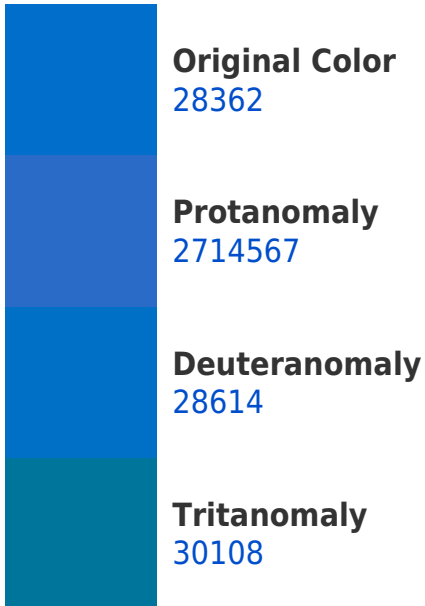
## Dichromacy



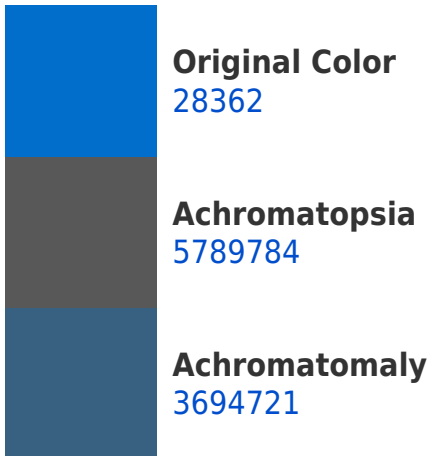


**Tritanopia**  
31105

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 28362 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 #006ECA looks like.

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

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 #006ECA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 28362 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
#006ECA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 28362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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