

# Converting Colors

Decimal(489400)

Have a look what the booklet for  
Decimal(489400) contains.

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# Color

**Decimal(489400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0777B8
RGB	7, 119, 184
RGB Percent	3%, 47%, 72%
CMY	0.9725, 0.5333, 0.2784
CMYK	0.96, 0.35, 0.00, 0.28
HSL	202°, 93%, 37%
HSV	202°, 96%, 72%
XYZ	15.3362, 16.6995, 47.7624
YIQ	92.9220, -87.6170, -3.5290

# Conversions

## Conversions Part 2

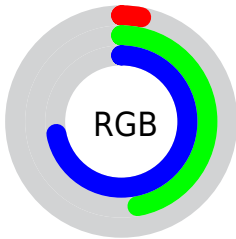
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 76, 184
Decimal	489400
CIELab	47.88, -3.14, -41.83
CIELCh	48, 41.944, 265.712
Yxy	16.6995, 0.1922, 0.2093
Android (android.graphics.Color)	4278679480 (0xFF0777B8)
YUV	92.9220, 44.9015, -75.3536
Hunter-Lab	40.8650, -4.5248, -40.6917

# Details

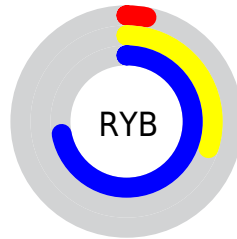
The Decimal color **489400** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **12077063**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **6269936**, and **18306** is the 20% darker color. If you saturate the color by 10%, you get **29880**, and if you desaturate by 10%, it is **1670840**.

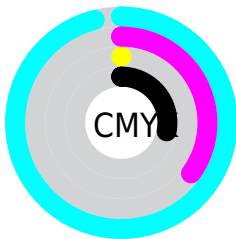
# Distribution



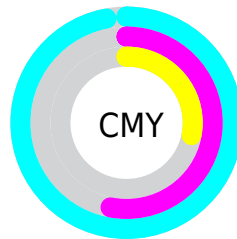
- Red (3%)
- Green (47%)
- Blue (72%)



- Red (3%)
- Yellow (30%)
- Blue (72%)



- Cyan (96%)
- Magenta (35%)
- Yellow (0%)
- Black (28%)



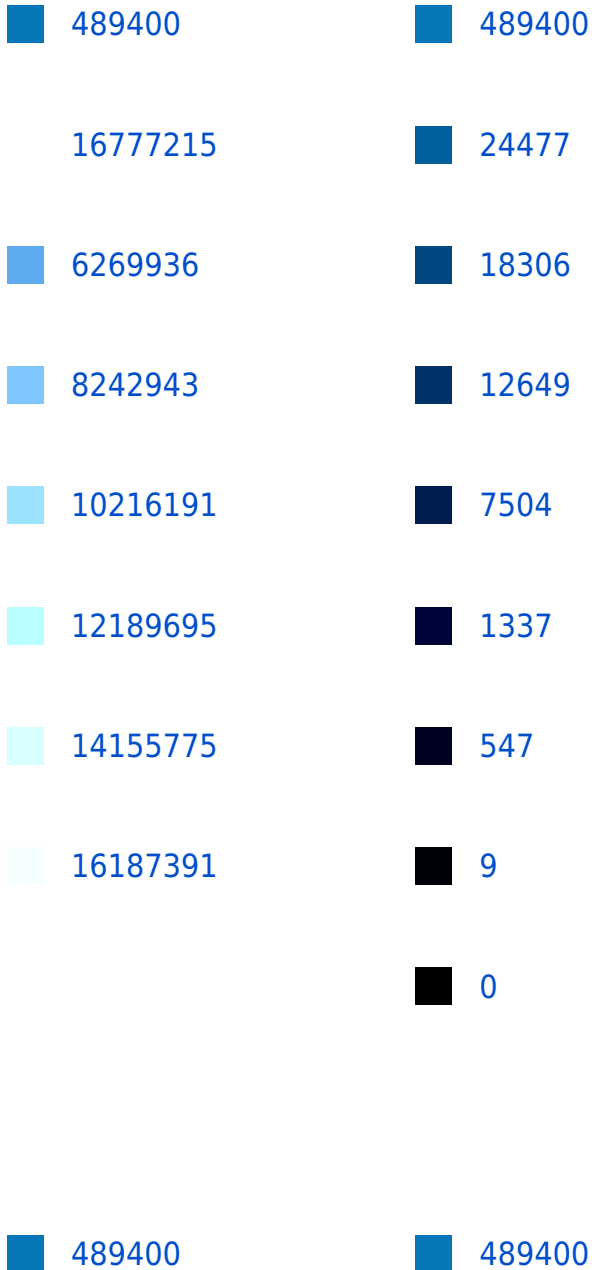
- Cyan (97%)
- Magenta (53%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 489400 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 489400 by changing the saturation by 10% instead.





■ 29880

■ 1670840

■ 2917816

■ 4099000

■ 5345976

■ 6527416

■ 7708856

■ 8955576

■ 10137016

■ 11383992

# Harmonies

## Analogous

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



32683



489400



7039665

# Triad

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



489400



11687253



3833928

# Complementary

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



489400



12077063

# 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.



6781230



489400



10772792

# Square

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



489400



11490168



9072168



33643

# Rectangle

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



489400



920035



9072168



4947518



# Sweetspot

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



489400



11196144



505928



5138552



16250871



7895160



# Same Dimension

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



489400



39152



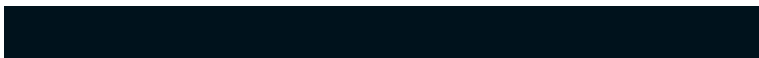
466872



5462108



25244



4636



# Inverse Universe

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



12060535



15728792



12099591



6050648



10223714



1835026



# Previews

## White Background



This preview shows how the Decimal color 489400 looks on a white background.

### Color Contrast Check

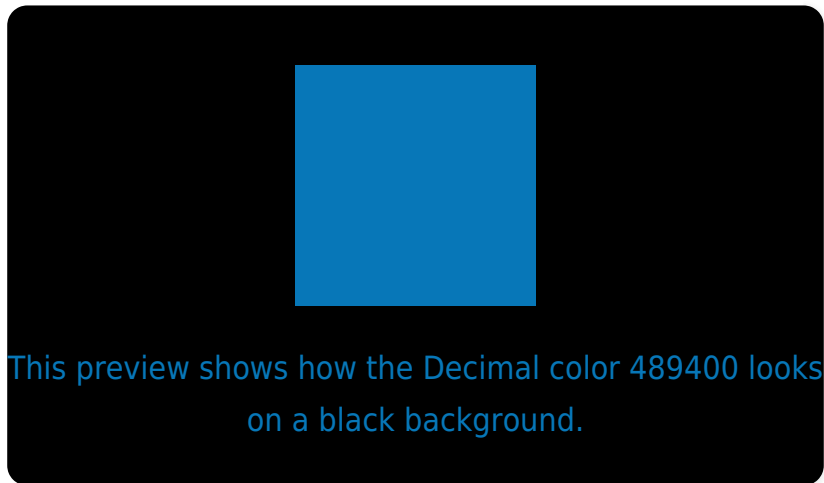
Large Text (above 18pt) WCAG AA ✓ Pass

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

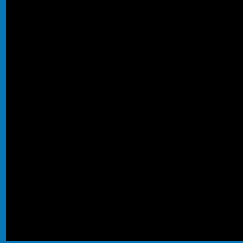
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 489400 Background



This preview shows how black text looks on a background with the Decimal color 489400.



This preview shows how white text looks on a background with the Decimal color 489400.

# 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](#).

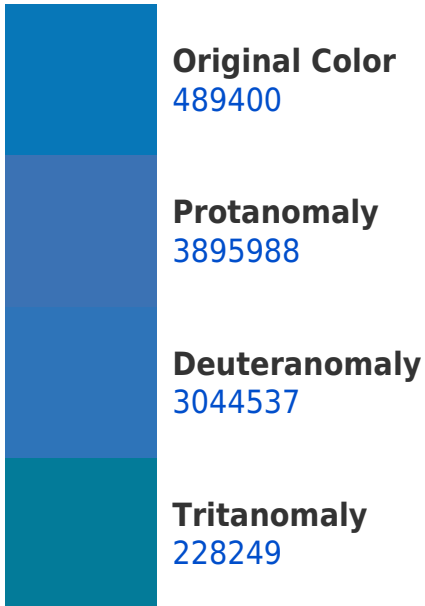
## Dichromacy



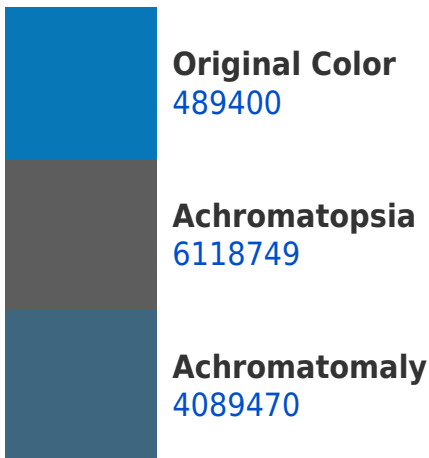


**Tritanopia**  
32391

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 489400 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 #0777B8 looks like.

```
.text, #text, p{  
  color:#0777B8  
}
```

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 #0777B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0777B8
}
```

## Border

The CSS property to change the border of an element to Decimal 489400 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
#0777B8 }
```

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

```
.border{ border-color:#0777B8 }
```

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

Here you see how a box with a 4 pixel #0777B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0777B8; -webkit-box-shadow:4px 4px  
4px 4px #0777B8; box-shadow:4px 4px 4px  
4px #0777B8 }
```

# Background

The CSS property to change the background color of an element to Decimal 489400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0777B8 }
```

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

```
.background{ background-color:#0777B8 }
```

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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