

# Converting Colors

Decimal(40127)

Have a look what the booklet for  
Decimal(40127) contains.

<b>Decimal(40127)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(40127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009CBF
RGB	0, 156, 191
RGB Percent	0%, 61%, 75%
CMY	1.0000, 0.3882, 0.2510
CMYK	1.00, 0.18, 0.00, 0.25
HSL	191°, 100%, 37%
HSV	191°, 100%, 75%
XYZ	21.2924, 27.5385, 53.4835
YIQ	113.3460, -104.2110, -22.1870

# Conversions

## Conversions Part 2

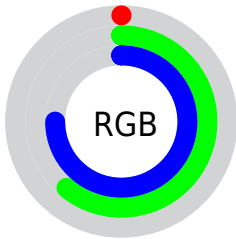
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 191
Decimal	40127
CIELab	59.47, -21.63, -27.68
CIELCh	59, 35.133, 231.996
Yxy	27.5385, 0.2081, 0.2692
Android (android.graphics.Color)	4278230207 (0xFF009CBF)
YUV	113.3460, 38.2834, -99.4044
Hunter-Lab	52.4772, -19.4092, -23.6929

# Details

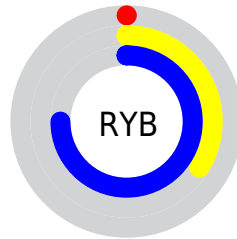
The Decimal color **40127** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **12526336**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **6476791**, and **27017** is the 20% darker color. If you saturate the color by 10%, you get **40127**, and if you desaturate by 10%, it is **1286079**.

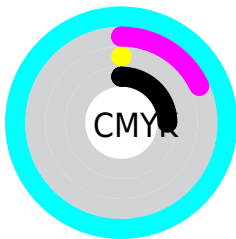
# Distribution



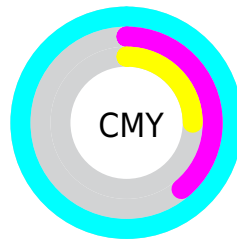
- Red (0%)
- Green (61%)
- Blue (75%)



- Red (0%)
- Yellow (34%)
- Blue (75%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



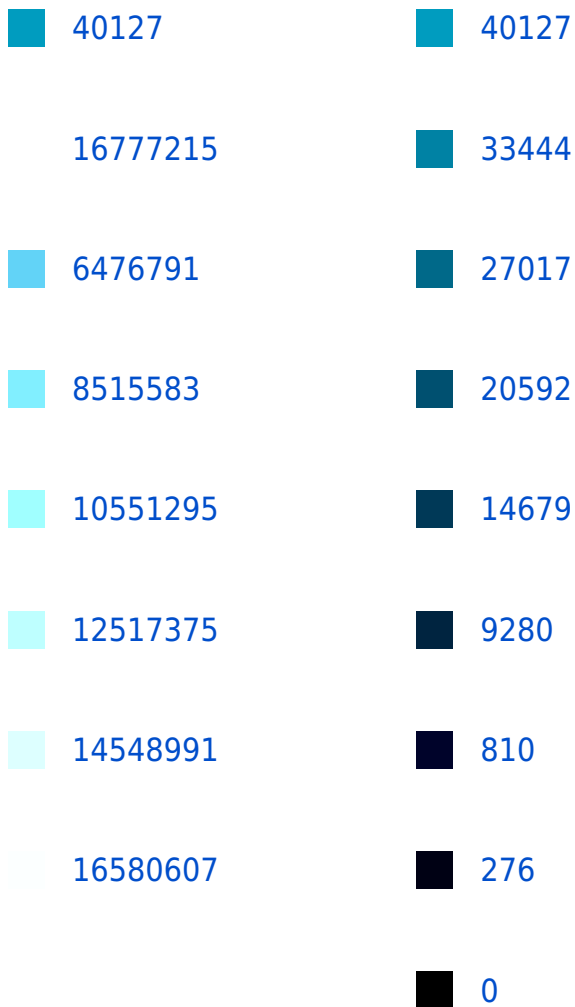
- Cyan (100%)
- Magenta (39%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 40127 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 40127 by changing the saturation by 10% instead.





40127

■ 1286079

■ 2532287

■ 3778239

■ 5024447

■ 6335935

■ 7582143

■ 8828095

■ 10074303

■ 11320255

# Harmonies

## Analogous

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



40869



40127



5346764

# Triad

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



40127



12941465



9213013

# Complementary

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



40127



12526336

# 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.



11242322



40127



13334650

# Square

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



40127



11435958



12681312



6855528

# Rectangle

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



40127



7769803



12681312



9933138



# Sweetspot

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



40127



11397879



48928



5272957



16579836



8224125



# Same Dimension

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



40127



51959



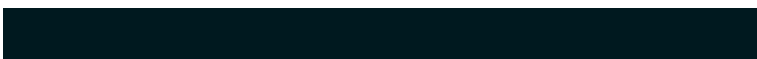
16575



5594462



33182



6431



# Inverse Universe

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



12517532



16187594



12549888



6182237



10354817



2031641



# Previews

## White Background



This preview shows how the Decimal color 40127 looks on a white 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

# Black Background



This preview shows how the Decimal color 40127 looks on a black 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

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



## Decimal 40127 Background



This preview shows how black text looks on a background with the Decimal color 40127.



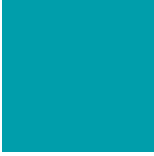
This preview shows how white text looks on a background with the Decimal color 40127.

# 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](#).

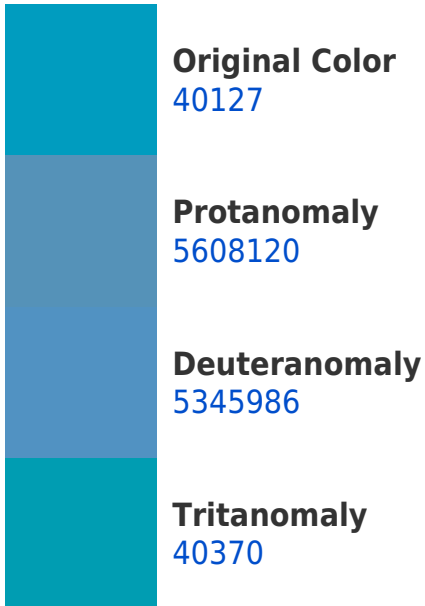
## Dichromacy





**Tritanopia**  
40619

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 40127 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 #009CBF looks like.

```
.text, #text, p{  
    color:#009CBF  
}
```

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 #009CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009CBF
}
```

## Border

The CSS property to change the border of an element to Decimal 40127 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
#009CBF }
```

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

```
.border{ border-color:#009CBF }
```

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

Here you see how a box with a 4 pixel #009CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009CBF; -webkit-box-shadow:4px 4px  
4px 4px #009CBF; box-shadow:4px 4px 4px  
4px #009CBF }
```

# Background

The CSS property to change the background color of an element to Decimal 40127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009CBF }
```

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

```
.background{ background-color:#009CBF }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor