

# Converting Colors

Decimal(38616)

Have a look what the booklet for  
Decimal(38616) contains.

<b>Decimal(38616)</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(38616)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0096D8
RGB	0, 150, 216
RGB Percent	0%, 59%, 85%
CMY	1.0000, 0.4118, 0.1529
CMYK	1.00, 0.31, 0.00, 0.15
HSL	198°, 100%, 42%
HSV	198°, 100%, 85%
XYZ	23.3010, 26.7706, 68.9049
YIQ	112.6740, -110.5860, -11.2740

# Conversions

## Conversions Part 2

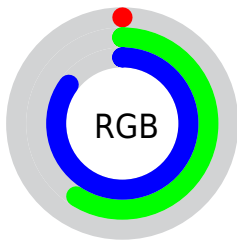
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 89, 216
Decimal	38616
CIE Lab	58.76, -9.32, -42.81
CIE LCh	59, 43.812, 257.723
Yxy	26.7706, 0.1958, 0.2250
Android (android.graphics.Color)	4278228696 (0xFF0096D8)
YUV	112.6740, 50.9397, -98.8151
Hunter-Lab	51.7403, -10.1588, -42.7410

# Details

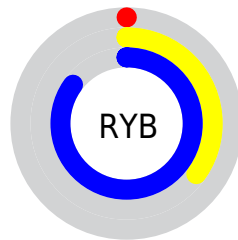
The Decimal color **38616** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **14172672**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **6737151**, and **25505** is the 20% darker color. If you saturate the color by 10%, you get **38616**, and if you desaturate by 10%, it is **1482200**.

# Distribution



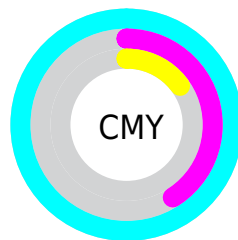
- Red (0%)
- Green (59%)
- Blue (85%)



- Red (0%)
- Yellow (35%)
- Blue (85%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



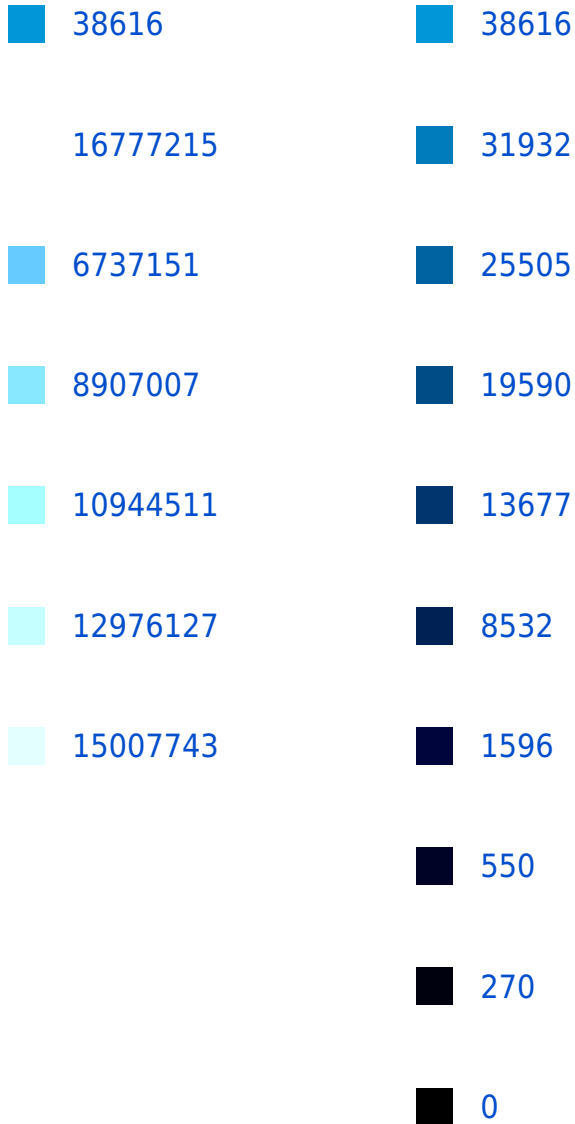
- Cyan (100%)
- Magenta (41%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 38616 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 38616 by changing the saturation by 10% instead.





- 38616
- 1482200
- 2859992
- 4303576
- 5681368
- 7124952
- 8568536
- 9946328
- 11389912
- 12767704

# Harmonies

## Analogous

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



40645



38616



7768535

# Triad

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



38616



14052984



6462296

# Complementary

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



38616



14172672

# 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.



9343553



38616



13334614

# Square

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



38616



13463455



11699777



1745020

# Rectangle

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



38616



10321866



11699777



7510350

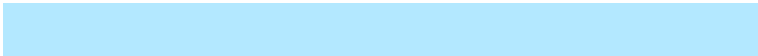


# Sweetspot

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



38616



11790591



55361



5403008



0



8421504

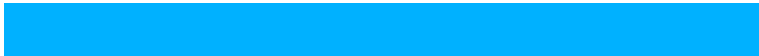


# Same Dimension

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



38616



45567



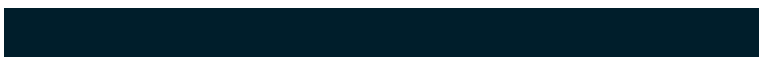
11224



6318187



30635



7723



# Inverse Universe

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



14155926



16711857



14200064



7037032



11206775



2818078



# Previews

## White Background



This preview shows how the Decimal color 38616 looks on a white background.

## Color Contrast Check

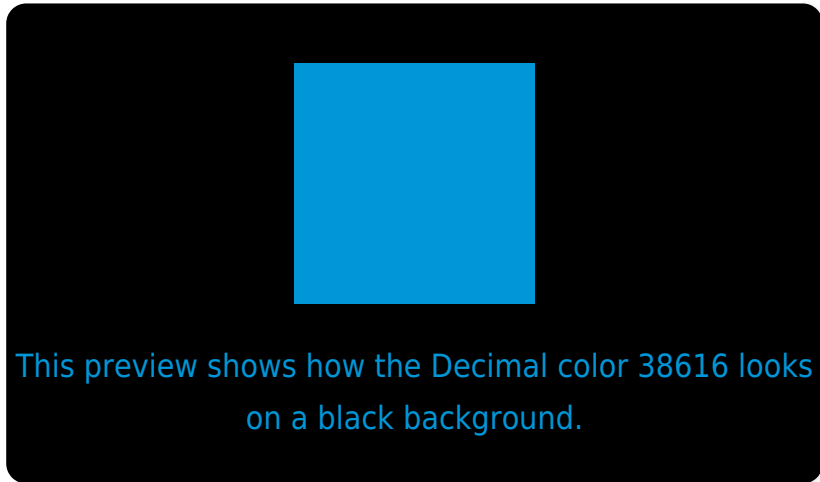
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

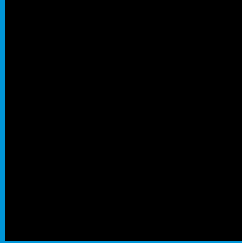
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 38616 Background



This preview shows how black text looks on a background with the Decimal color 38616.



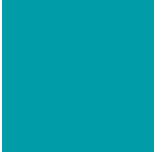
This preview shows how white text looks on a background with the Decimal color 38616.

# 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](#).

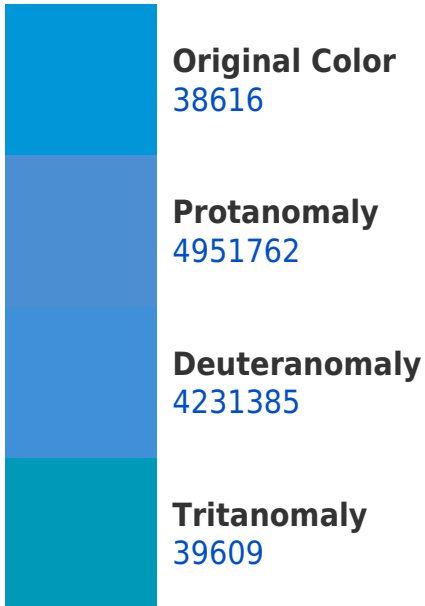
## Dichromacy





**Tritanopia**  
40104

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 38616 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 #0096D8 looks like.

```
.text, #text, p{  
    color:#0096D8  
}
```

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 #0096D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0096D8
}
```

## Border

The CSS property to change the border of an element to Decimal 38616 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
#0096D8 }
```

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

```
.border{ border-color:#0096D8 }
```

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

Here you see how a box with a 4 pixel #0096D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0096D8; -webkit-box-shadow:4px 4px  
4px 4px #0096D8; box-shadow:4px 4px 4px  
4px #0096D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 38616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0096D8 }
```

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

```
.background{ background-color:#0096D8 }
```

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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