

# Converting Colors

Decimal(38095)

Have a look what the booklet for  
Decimal(38095) contains.

<b>Decimal(38095)</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(38095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0094CF
RGB	0, 148, 207
RGB Percent	0%, 58%, 81%
CMY	1.0000, 0.4196, 0.1882
CMYK	1.00, 0.29, 0.00, 0.19
HSL	197°, 100%, 41%
HSV	197°, 100%, 81%
XYZ	21.8524, 25.6848, 62.8374
YIQ	110.4740, -107.1470, -13.0270

# Conversions

## Conversions Part 2

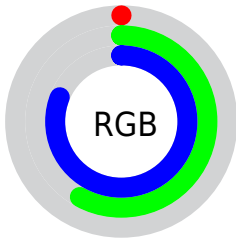
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 207
Decimal	38095
CIELab	57.74, -11.52, -39.38
CIELCh	58, 41.033, 253.690
Yxy	25.6848, 0.1980, 0.2327
Android (android.graphics.Color)	4278228175 (0xFF0094CF)
YUV	110.4740, 47.5873, -96.8857
Hunter-Lab	50.6802, -11.7243, -38.0364

# Details

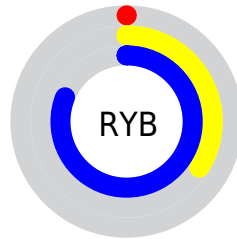
The Decimal color **38095** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **13581056**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **6605567**, and **25240** is the 20% darker color. If you saturate the color by 10%, you get **38095**, and if you desaturate by 10%, it is **1415887**.

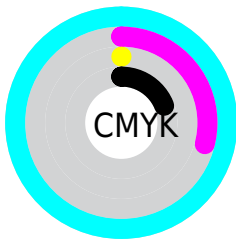
# Distribution



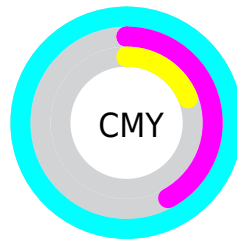
- Red (0%)
- Green (58%)
- Blue (81%)



- Red (0%)
- Yellow (34%)
- Blue (81%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)




















- Cyan (100%)
- Magenta (42%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 38095 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 38095 by changing the saturation by 10% instead.



 38095	 38095
 16777215	 31411
 6605567	 25240
 8709887	 19070
 10747903	 13157
 12779519	 8012
 14811135	 1333
	 543
	 2
	 0

■ 38095

■ 1415887

■ 2728143

■ 4105935

■ 5483727

■ 6861519

■ 8173519

■ 9551311

■ 10929103

■ 12241359

# Harmonies

## Analogous

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



39867



38095



7244240

# Triad

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



38095



13593980



6920021

# Complementary

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



38095



13581056

# 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.



9473603



38095



13071707

# Square

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



38095



12808352



11633221



3316853

# Rectangle

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



38095



9732294



11633221



7836749

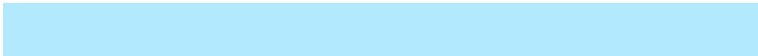


# Sweetspot

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



38095



11790847



53051



5403264



0



8421504

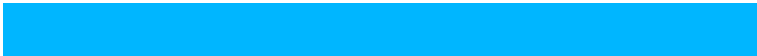


# Same Dimension

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



38095



46847



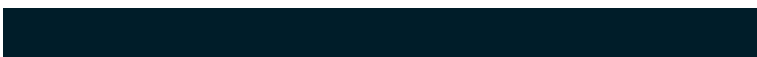
11727



6186601



30888



7465



# Inverse Universe

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



13566100



16711862



13607424



6905446



11010168



2687005



# Previews

## White Background



This preview shows how the Decimal color 38095 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 38095 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

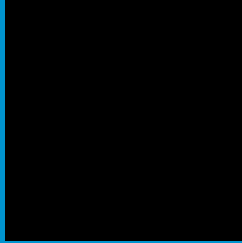
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 38095 Background



This preview shows how black text looks on a background with the Decimal color 38095.



This preview shows how white text looks on a background with the Decimal color 38095.

# 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](#).

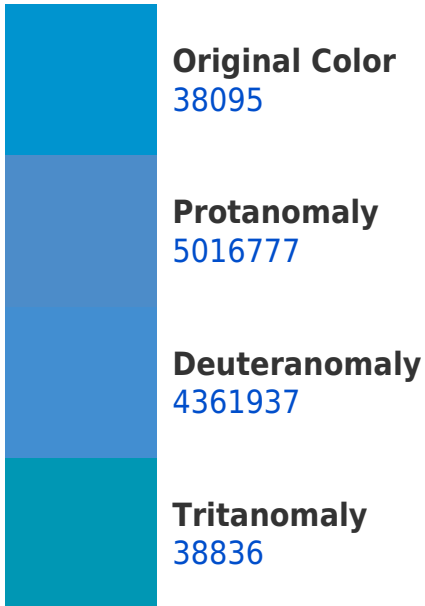
## Dichromacy





**Tritanopia**  
39333

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 38095 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 #0094CF looks like.

```
.text, #text, p{  
    color:#0094CF  
}
```

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 #0094CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0094CF
}
```

## Border

The CSS property to change the border of an element to Decimal 38095 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
#0094CF }
```

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

```
.border{ border-color:#0094CF }
```

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

Here you see how a box with a 4 pixel #0094CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0094CF; -webkit-box-shadow:4px 4px  
4px 4px #0094CF; box-shadow:4px 4px 4px  
4px #0094CF }
```

# Background

The CSS property to change the background color of an element to Decimal 38095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0094CF }
```

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

```
.background{ background-color:#0094CF }
```

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