

# Converting Colors

Decimal(39404)

Have a look what the booklet for  
Decimal(39404) contains.

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# Color

**Decimal(39404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0099EC
RGB	0, 153, 236
RGB Percent	0%, 60%, 93%
CMY	1.0000, 0.4000, 0.0745
CMYK	1.00, 0.35, 0.00, 0.07
HSL	201°, 100%, 46%
HSV	201°, 100%, 93%
XYZ	26.5316, 28.8386, 83.5249
YIQ	116.7150, -117.8310, -6.6230

# Conversions

## Conversions Part 2

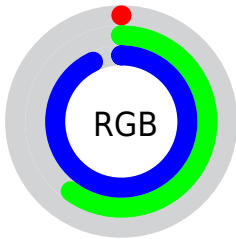
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 93, 236
Decimal	39404
CIE Lab	60.64, -3.57, -50.95
CIE LCh	61, 51.072, 265.994
Yxy	28.8386, 0.1910, 0.2076
Android (android.graphics.Color)	4278229484 (0xFF0099EC)
YUV	116.7150, 58.8075, -102.3591
Hunter-Lab	53.7016, -5.7889, -54.6258

# Details

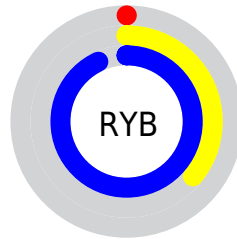
The Decimal color **39404** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **15487744**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **7065599**, and **26548** is the 20% darker color. If you saturate the color by 10%, you get **39404**, and if you desaturate by 10%, it is **1614316**.

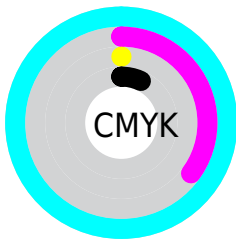
# Distribution



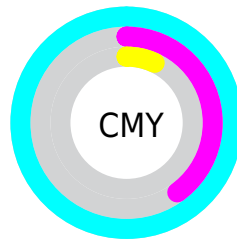
- Red (0%)
- Green (60%)
- Blue (93%)



- Red (0%)
- Yellow (36%)
- Blue (93%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



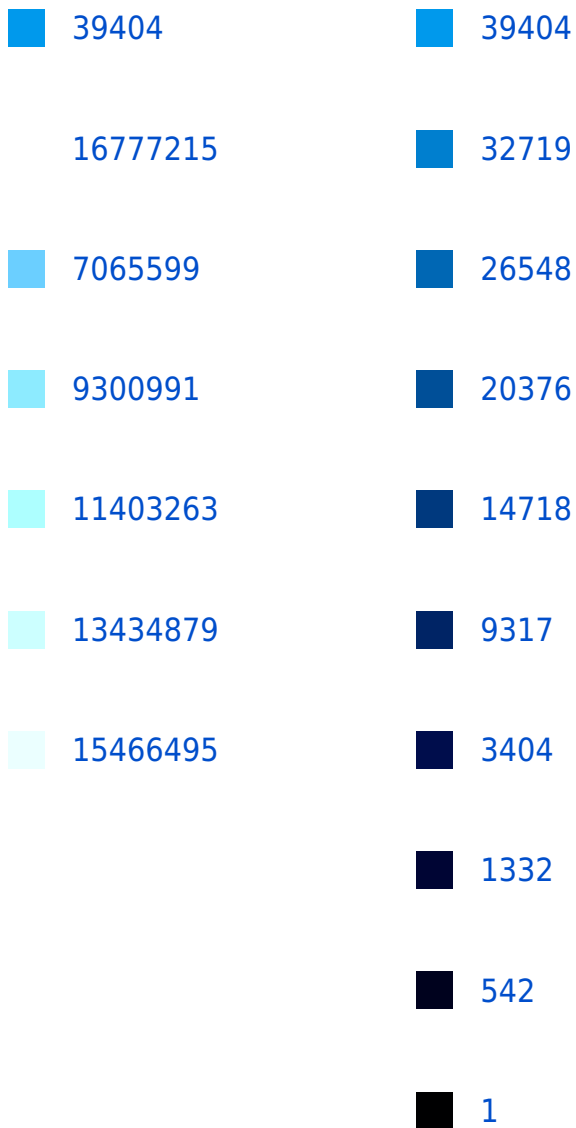
- Cyan (100%)
- Magenta (40%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 39404 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 39404 by changing the saturation by 10% instead.





■ 39404

■ 1614316

■ 3123948

■ 4698860

■ 6208236

■ 7783148

■ 9358316

■ 10867692

■ 12442604

■ 13952236

# Harmonies

## Analogous

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



41948



39404



9079267

# Triad

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



39404



14970477



4957278

# Complementary

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



39404



15487744

# 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.



8756028



39404



13794632

# Square

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



39404



14773146



11636276



43146

# Rectangle

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



39404



11828433



11636276



6398545

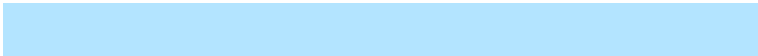


# Sweetspot

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



39404



11789567



60499



5402496



0



8421504

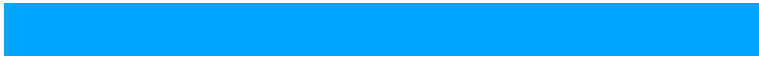


# Same Dimension

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



39404



42495



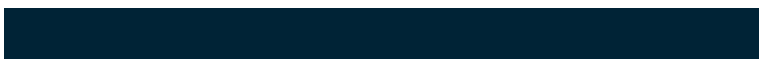
9196



6975861



30133



9014



# Inverse Universe

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



15466649



16711845



15517952



7694961



11862133



3538979



# Previews

## White Background



This preview shows how the Decimal color 39404 looks on a white background.

## Color Contrast Check

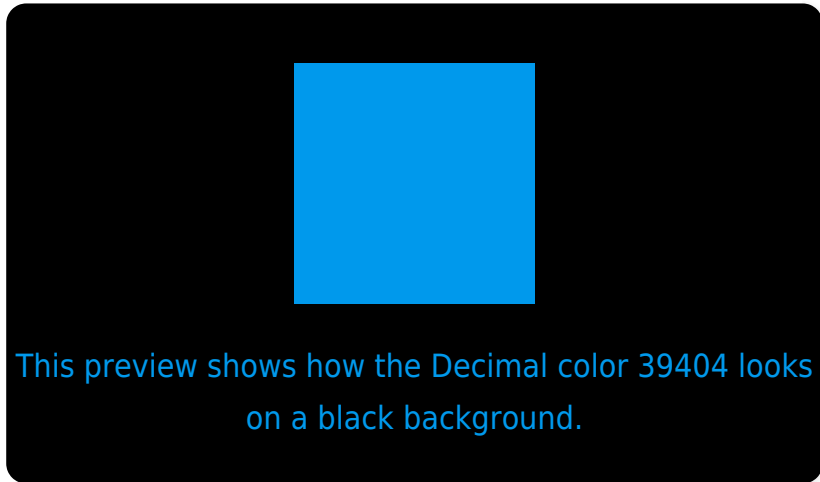
Large Text (above 18pt) WCAG AA ✓ Pass

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

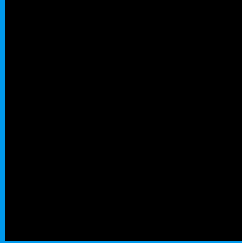
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

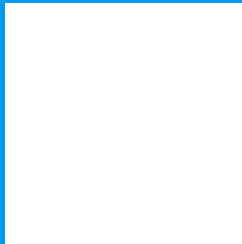
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 39404 Background



This preview shows how black text looks on a background with the Decimal color 39404.



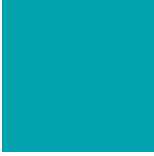
This preview shows how white text looks on a background with the Decimal color 39404.

# 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](#).

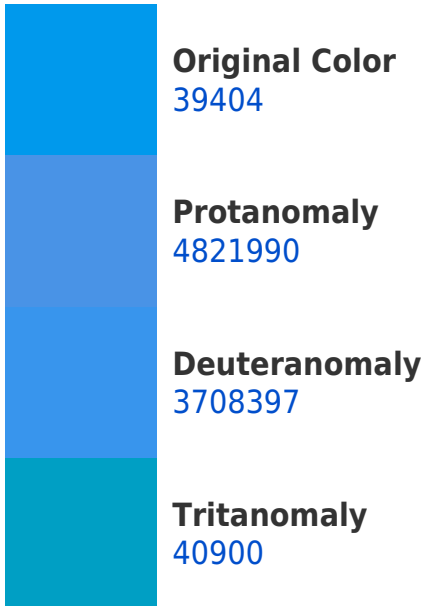
## Dichromacy





**Tritanopia**  
41645

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 39404 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 #0099EC looks like.

```
.text, #text, p{  
    color:#0099EC  
}
```

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 #0099EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099EC
}
```

## Border

The CSS property to change the border of an element to Decimal 39404 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
#0099EC }
```

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

```
.border{ border-color:#0099EC }
```

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

Here you see how a box with a 4 pixel #0099EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099EC; -webkit-box-shadow:4px 4px  
4px 4px #0099EC; box-shadow:4px 4px 4px  
4px #0099EC }
```

# Background

The CSS property to change the background color of an element to Decimal 39404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099EC }
```

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

```
.background{ background-color:#0099EC }
```

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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