

# Converting Colors

Decimal(38127)

Have a look what the booklet for  
Decimal(38127) contains.

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# Color

**Decimal(38127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0094EF
RGB	0, 148, 239
RGB Percent	0%, 58%, 94%
CMY	1.0000, 0.4196, 0.0627
CMYK	1.00, 0.38, 0.00, 0.06
HSL	203°, 100%, 47%
HSV	203°, 100%, 94%
XYZ	26.1699, 27.4118, 85.5731
YIQ	114.1220, -117.4190, -3.0750

# Conversions

## Conversions Part 2

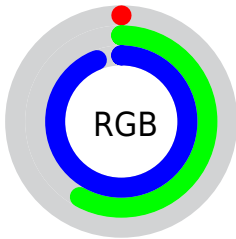
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 91, 239
Decimal	38127
CIE Lab	59.35, 0.48, -54.65
CIE LCh	59, 54.650, 270.504
Yxy	27.4118, 0.1881, 0.1970
Android (android.graphics.Color)	4278228207 (0xFF0094EF)
YUV	114.1220, 61.5649, -100.0850
Hunter-Lab	52.3563, -2.4016, -60.2564

# Details

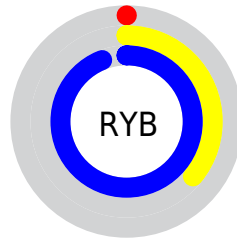
The Decimal color **38127** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **15686400**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **7129855**, and **25270** is the 20% darker color. If you saturate the color by 10%, you get **38127**, and if you desaturate by 10%, it is **1613295**.

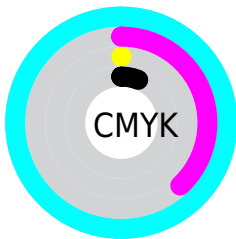
# Distribution



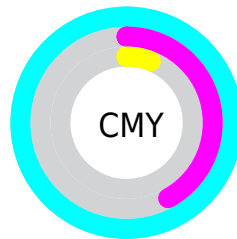
- Red (0%)
- Green (58%)
- Blue (94%)



- Red (0%)
- Yellow (36%)
- Blue (94%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)




















- Cyan (100%)
- Magenta (42%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 38127 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 38127 by changing the saturation by 10% instead.



 38127	 38127
 16777215	 31698
 7129855	 25270
 9299711	 19355
 11403263	 13697
 13500415	 8551
 15532031	 2638
	 1334
	 544
	 4

■ 38127

■ 1613295

■ 3188463

■ 4763631

■ 6338799

■ 7848431

■ 9423855

■ 10999023

■ 12574191

■ 14149359

# Harmonies

## Analogous

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



41186



38127



9536226

# Triad

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



38127



14969185



3187293

# Complementary

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



38127



15686400

# 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.



7838262



38127



13466426

# Square

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



38127



14967696



11046183



42638

# Rectangle

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



38127



12219597



11046183



5152847

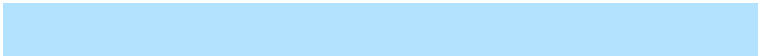


# Sweetspot

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



38127



11789055



61272



5402240



0



8421504



# Same Dimension

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



38127



40703



8431



7107448



29368



9016



# Inverse Universe

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



15663252



16711838



15716096



7892083



12058738



3670051



# Previews

## White Background



This preview shows how the Decimal color 38127 looks on a white background.

## Color Contrast Check

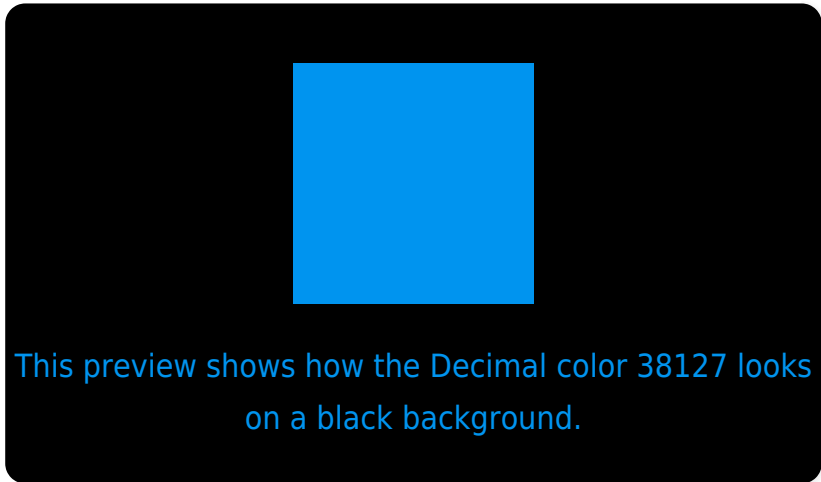
Large Text (above 18pt) WCAG AA ✓ Pass

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

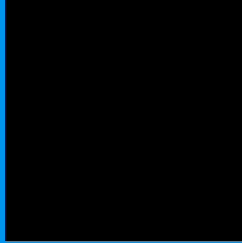
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

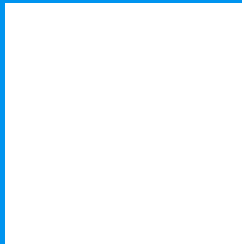
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 38127 Background



This preview shows how black text looks on a background with the Decimal color 38127.



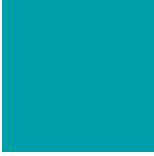
This preview shows how white text looks on a background with the Decimal color 38127.

# 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](#).

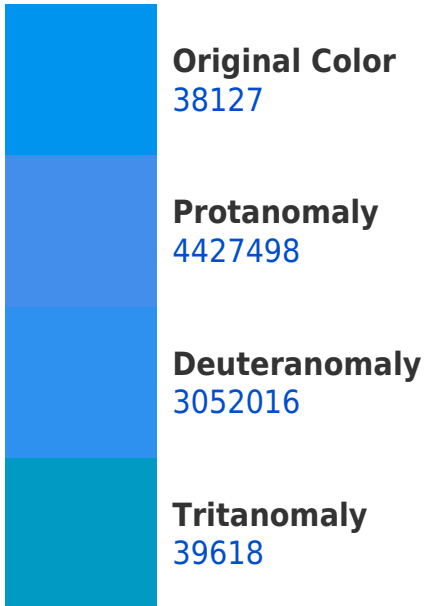
## Dichromacy





**Tritanopia**  
40617

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 38127 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 #0094EF looks like.

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

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 #0094EF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 38127 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
#0094EF }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 38127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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