

# Converting Colors

Decimal(38126)

Have a look what the booklet for  
Decimal(38126) contains.

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# Color

**Decimal(38126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0094EE
RGB	0, 148, 238
RGB Percent	0%, 58%, 93%
CMY	1.0000, 0.4196, 0.0667
CMYK	1.00, 0.38, 0.00, 0.07
HSL	203°, 100%, 47%
HSV	203°, 100%, 93%
XYZ	26.0225, 27.3529, 84.7970
YIQ	114.0080, -117.0980, -3.3860

# Conversions

## Conversions Part 2

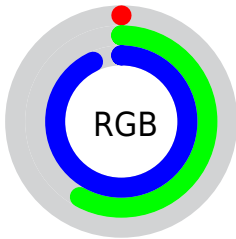
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 238
Decimal	38126
CIELab	59.30, 0.10, -54.18
CIElCh	59, 54.181, 270.108
Yxy	27.3529, 0.1883, 0.1980
Android (android.graphics.Color)	4278228206 (0xFF0094EE)
YUV	114.0080, 61.1281, -99.9850
Hunter-Lab	52.3000, -2.7099, -59.5204

# Details

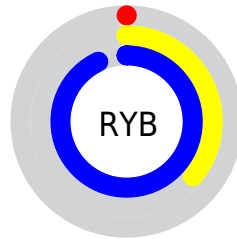
The Decimal color **38126** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **15620608**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **7129855**, and **25269** is the 20% darker color. If you saturate the color by 10%, you get **38126**, and if you desaturate by 10%, it is **1613294**.

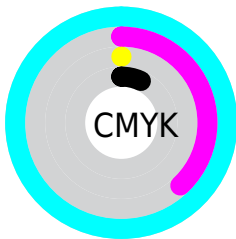
# Distribution



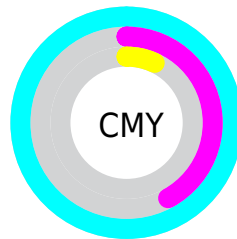
- Red (0%)
- Green (58%)
- Blue (93%)



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



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)



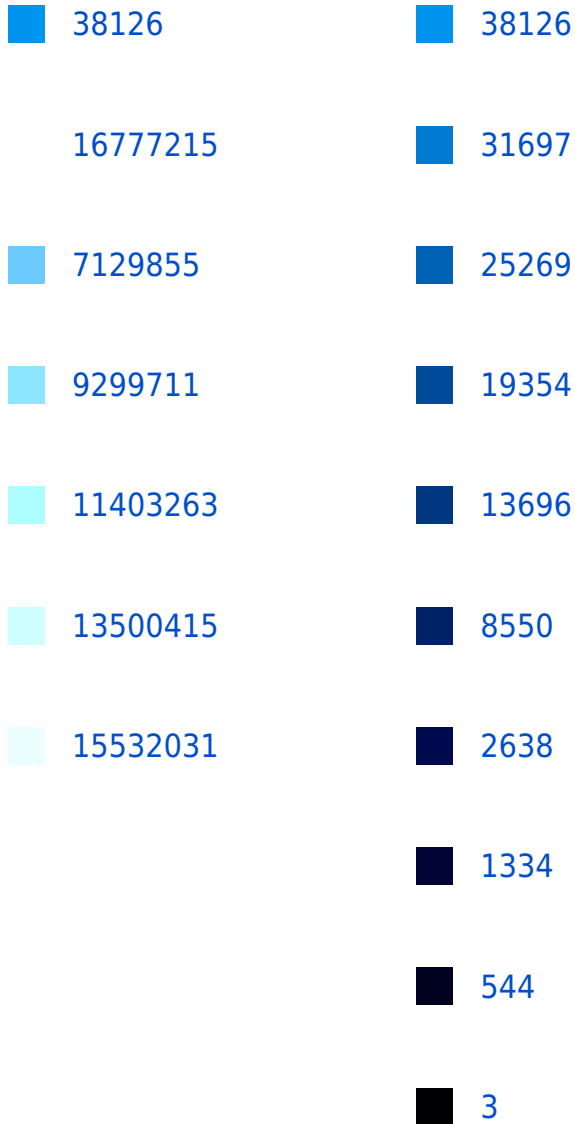
- Cyan (100%)
- Magenta (42%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 38126 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 38126 by changing the saturation by 10% instead.





■ 38126

■ 1613294

■ 3188462

■ 4698094

■ 6273262

■ 7848430

■ 9423598

■ 10998766

■ 12508398

■ 14083566

# Harmonies

## Analogous

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



41185



38126



9470689

# Triad

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



38126



14903650



3383901

# Complementary

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



38126



15620608

# 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.



7903798



38126



13466171

# Square

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



38126



14902161



11045928



42637

# Rectangle

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



38126



12154316



11045928



5283919

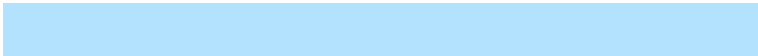


# Sweetspot

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



38126



11789055



61015



5402240



0



8421504

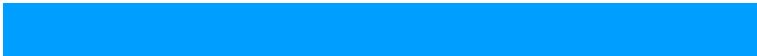


# Same Dimension

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



38126



40959



8430



7107448



29368



9016



# Inverse Universe

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



15597716



16711839



15650304



7892083



12058738



3670051



# Previews

## White Background



This preview shows how the Decimal color 38126 looks on a white background.

## Color Contrast Check

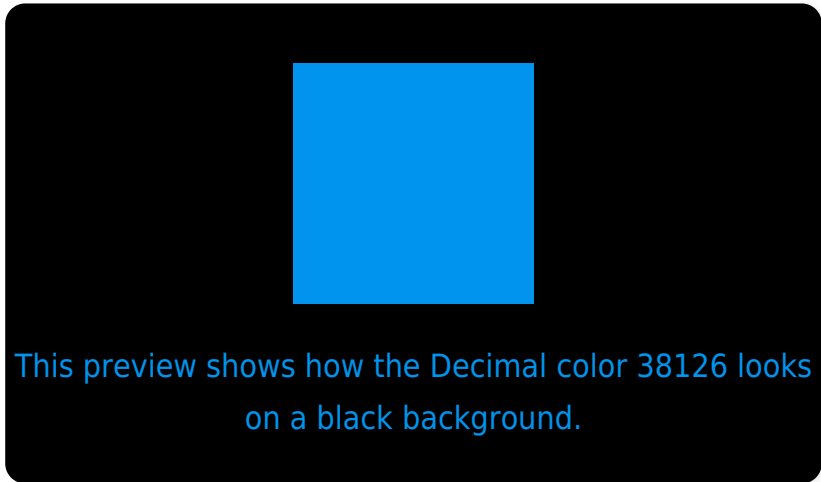
Large Text (above 18pt) WCAG AA ✓ Pass

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

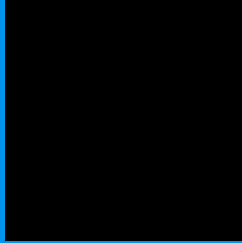
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

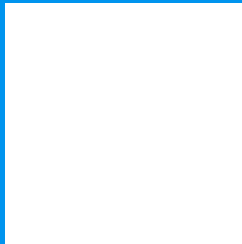
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 38126 Background



This preview shows how black text looks on a background with the Decimal color 38126.



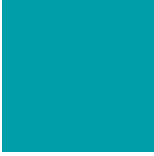
This preview shows how white text looks on a background with the Decimal color 38126.

# 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](#).

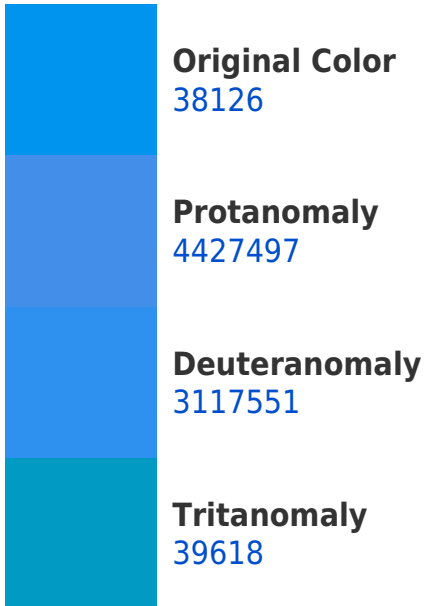
## Dichromacy





**Tritanopia**  
40617

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 38126 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 #0094EE looks like.

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

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 #0094EE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 38126 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
#0094EE }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 38126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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