

# Converting Colors

Decimal(40957)

Have a look what the booklet for  
Decimal(40957) contains.

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# **Color**

**Decimal(40957)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009FFD
RGB	0, 159, 253
RGB Percent	0%, 62%, 99%
CMY	1.0000, 0.3765, 0.0078
CMYK	1.00, 0.37, 0.00, 0.01
HSL	202°, 100%, 50%
HSV	202°, 100%, 99%
XYZ	30.1278, 31.8881, 97.4956
YIQ	122.1750, -124.9380, -4.4740

# Conversions

## Conversions Part 2

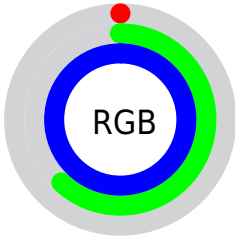
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 98, 253
Decimal	40957
CIELab	63.25, -0.68, -56.13
CIELCh	63, 56.135, 269.305
Yxy	31.8881, 0.1889, 0.1999
Android (android.graphics.Color)	4278231037 (0xFF009FFD)
YUV	122.1750, 64.4967, -107.1475
Hunter-Lab	56.4696, -3.5881, -62.8364

# Details

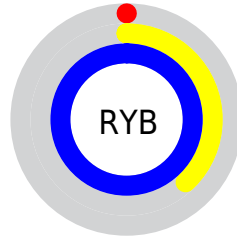
The Decimal color **40957** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **16604672**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **7394815**, and **27844** is the 20% darker color. If you saturate the color by 10%, you get **40957**, and if you desaturate by 10%, it is **1681661**.

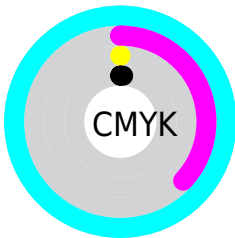
# Distribution



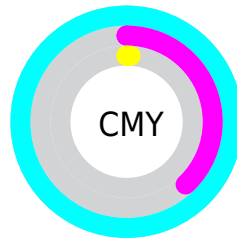
- Red (0%)
- Green (62%)
- Blue (99%)



- Red (0%)
- Yellow (38%)
- Blue (99%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)




















- Cyan (100%)
- Magenta (38%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 40957 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 40957 by changing the saturation by 10% instead.



 40957	 40957
 16777215	 34272
 7394815	 27844
 9630207	 21672
 11730943	 16013
 13828095	 10611
 15925247	 5466
	 1858
	 811
	 277

■ 40957

■ 1681661

■ 3388157

■ 5028861

■ 6669821

■ 8376061

■ 10016765

■ 11657725

■ 13298429

■ 15004925

# Harmonies

## Analogous

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



44014



40957



9997553

# Triad

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



40957



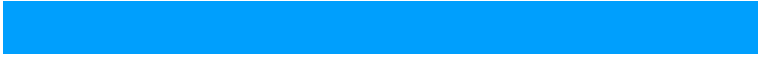
15888747



4042084

# Complementary

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



40957



16604672

# 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.



8627260



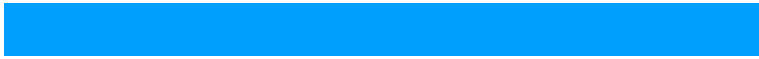
40957



14451523

# Square

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



40957



15887516



11900462



45462

# Rectangle

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



40957



12877531



11900462



5876565

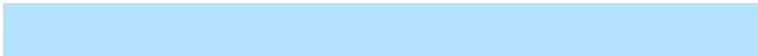


# Sweetspot

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



40957



11789311



64861



5402240



0



8421504

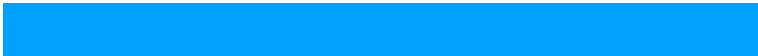


# Same Dimension

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



40957



41215



8957



7568256



30911



10304



# Inverse Universe

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



16580767



16711840



16636672



8418171



12517496



4194344



# Previews

## White Background



This preview shows how the Decimal color 40957 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 40957 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 ✓ Pass

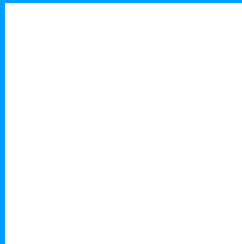
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 40957 Background



This preview shows how black text looks on a background with the Decimal color 40957.



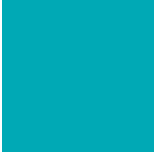
This preview shows how white text looks on a background with the Decimal color 40957.

# 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](#).

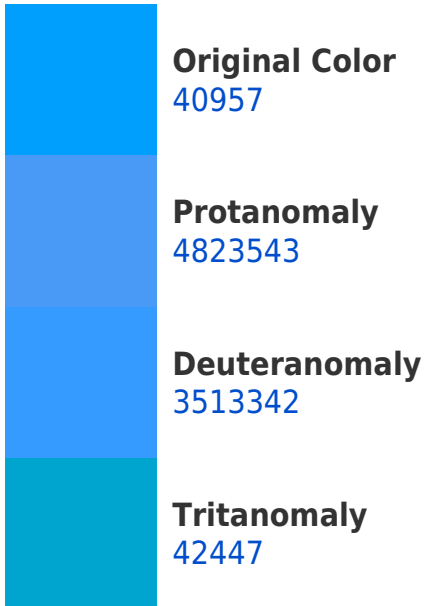
## Dichromacy





**Tritanopia**  
43445

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 40957 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 #009FFD looks like.

```
.text, #text, p{  
    color:#009FFD  
}
```

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 #009FFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009FFD
}
```

## Border

The CSS property to change the border of an element to Decimal 40957 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
#009FFD }
```

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

```
.border{ border-color:#009FFD }
```

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

Here you see how a box with a 4 pixel #009FFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009FFD; -webkit-box-shadow:4px 4px  
4px 4px #009FFD; box-shadow:4px 4px 4px  
4px #009FFD }
```

# Background

The CSS property to change the background color of an element to Decimal 40957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009FFD }
```

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

```
.background{ background-color:#009FFD }
```

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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