

# Converting Colors

Decimal(41157)

Have a look what the booklet for  
Decimal(41157) contains.

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# Color

**Decimal(41157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A0C5
RGB	0, 160, 197
RGB Percent	0%, 63%, 77%
CMY	1.0000, 0.3725, 0.2275
CMYK	1.00, 0.19, 0.00, 0.23
HSL	191°, 100%, 39%
HSV	191°, 100%, 77%
XYZ	22.6488, 29.1728, 57.2605
YIQ	116.3780, -107.2370, -22.4130

# Conversions

## Conversions Part 2

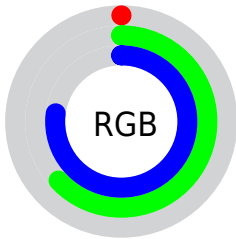
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 88, 197
Decimal	41157
CIELab	60.93, -21.63, -28.79
CIELCh	61, 36.008, 233.085
Yxy	29.1728, 0.2076, 0.2674
Android (android.graphics.Color)	4278231237 (0xFF00A0C5)
YUV	116.3780, 39.7466, -102.0635
Hunter-Lab	54.0119, -19.6702, -25.0478

# Details

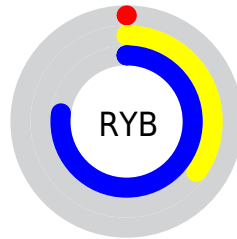
The Decimal color **41157** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **12920064**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **6543358**, and **27791** is the 20% darker color. If you saturate the color by 10%, you get **41157**, and if you desaturate by 10%, it is **1352901**.

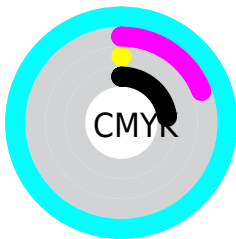
# Distribution



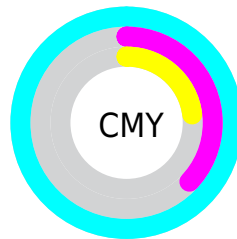
- Red (0%)
- Green (63%)
- Blue (77%)



- Red (0%)
- Yellow (35%)
- Blue (77%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (23%)




















- Cyan (100%)
- Magenta (37%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 41157 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 41157 by changing the saturation by 10% instead.



 41157	 41157
 16777215	 34474
 6543358	 27791
 8647679	 21621
 10682367	 15453
 12713983	 10053
 14680063	 2606
 16711679	 281
	 0

 41157

■ 1352901

■ 2598853

■ 3910597

■ 5222341

■ 6534085

■ 7780037

■ 9091781

■ 10403525

■ 11649477

# Harmonies

## Analogous

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



42155



41157



5609682

# Triad

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



41157



13335452



9410903

# Complementary

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



41157



12920064

# 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.



11439955



41157



13663100

# Square

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



41157



11829946



13009761



6987884

# Rectangle

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



41157



8098257



13009761



10131028

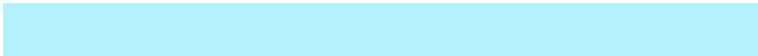


# Sweetspot

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



41157



11792895



50468



5404544



0



8421504

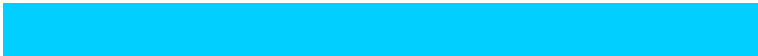


# Same Dimension

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



41157



53247



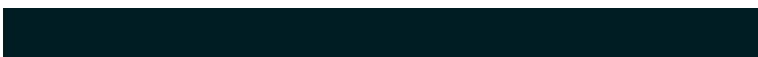
16069



5923427



34211



7460



# Inverse Universe

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



12910752



16711887



12945152



6511202



10682501



2359325



# Previews

## White Background



This preview shows how the Decimal color 41157 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 41157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

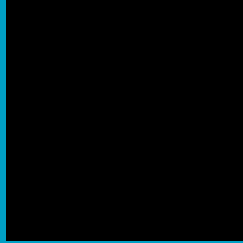
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 41157 Background



This preview shows how black text looks on a background with the Decimal color 41157.

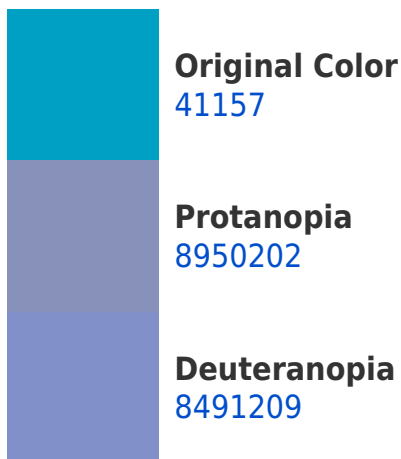


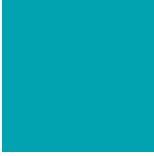
This preview shows how white text looks on a background with the Decimal color 41157.

# 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**  
41903

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 41157 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 #00A0C5 looks like.

```
.text, #text, p{  
    color:#00A0C5  
}
```

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 #00A0C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0C5
}
```

## Border

The CSS property to change the border of an element to Decimal 41157 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
#00A0C5 }
```

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

```
.border{ border-color:#00A0C5 }
```

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

Here you see how a box with a 4 pixel #00A0C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0C5; -webkit-box-shadow:4px 4px  
4px 4px #00A0C5; box-shadow:4px 4px 4px  
4px #00A0C5 }
```

# Background

The CSS property to change the background color of an element to Decimal 41157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0C5 }
```

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

```
.background{ background-color:#00A0C5 }
```

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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