

# Converting Colors

Decimal(41115)

Have a look what the booklet for  
Decimal(41115) contains.

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# Color

**Decimal(41115)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A09B
RGB	0, 160, 155
RGB Percent	0%, 63%, 61%
CMY	1.0000, 0.3725, 0.3922
CMYK	1.00, 0.00, 0.03, 0.37
HSL	178°, 100%, 31%
HSV	178°, 100%, 63%
XYZ	18.4872, 27.5082, 35.3456
YIQ	111.5900, -93.7550, -35.4750

# Conversions

## Conversions Part 2

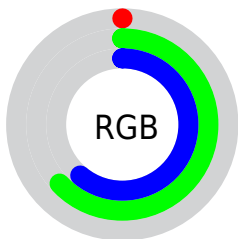
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 160
Decimal	41115
CIELab	59.44, -35.48, -7.38
CIELCh	59, 36.240, 191.752
Yxy	27.5082, 0.2273, 0.3382
Android (android.graphics.Color)	4278231195 (0xFF00A09B)
YUV	111.5900, 21.4011, -97.8644
Hunter-Lab	52.4482, -28.8659, -3.2426

# Details

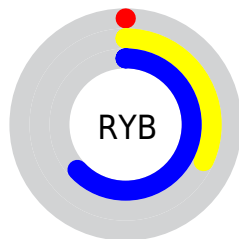
The Decimal color **41115** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10485765**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **6084561**, and **27752** is the 20% darker color. If you saturate the color by 10%, you get **41115**, and if you desaturate by 10%, it is **1089692**.

# Distribution



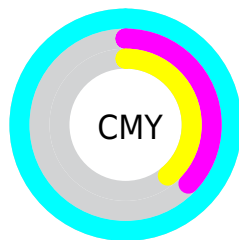
- Red (0%)
- Green (63%)
- Blue (61%)



- Red (0%)
- Yellow (32%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 41115 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 41115 by changing the saturation by 10% instead.



 41115	 41115
 16777215	 34177
 6084561	 27752
 8123630	 21328
 10092543	 15161
 12058623	 9764
 14024703	 271
 15990783	 0

 41115

 1089692

■ 2138268

■ 3186845

■ 4235421

■ 5283998

■ 6332574

■ 7381151

■ 8429727

■ 9478304

# Harmonies

## Analogous

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



4890490



41115



40633

# Triad

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



41115



10715839



11830867

# Complementary

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



41115



10485765

# 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.



13073510



41115



12679332

# Square

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



41115



7638733



13465220



9933136

# Rectangle

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



41115



1546950



13465220



12354392



# Sweetspot

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



41115



9621967



368640



4417895



15263976



6908265



# Same Dimension

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



41115



53707



21920



4673359



36746



3855



# Inverse Universe

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



10485765



13697031



10504960



5195591



9371652



983040



# Previews

## White Background



This preview shows how the Decimal color 41115 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 41115 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

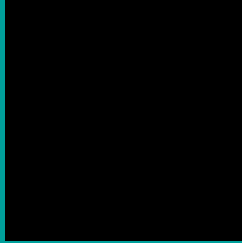
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 41115 Background



This preview shows how black text looks on a background with the Decimal color 41115.

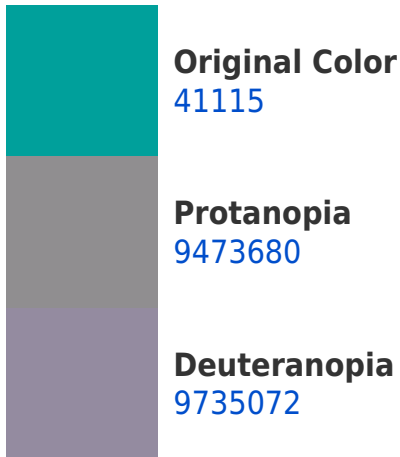


This preview shows how white text looks on a background with the Decimal color 41115.

# 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





# Trichromacy



**Original Color**  
41115



**Protanomaly**  
6067604



**Deuteranomaly**  
6198174



**Tritanomaly**  
1417125

# Monochromacy



**Original Color**  
41115



**Achromatopsia**  
7368816



**Achromatomaly**  
4686208

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 41115 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 #00A09B looks like.

```
.text, #text, p{  
    color:#00A09B  
}
```

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 #00A09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A09B
}
```

## Border

The CSS property to change the border of an element to Decimal 41115 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
#00A09B }
```

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

```
.border{ border-color:#00A09B }
```

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

Here you see how a box with a 4 pixel #00A09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A09B; -webkit-box-shadow:4px 4px  
4px 4px #00A09B; box-shadow:4px 4px 4px  
4px #00A09B }
```

# Background

The CSS property to change the background color of an element to Decimal 41115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A09B }
```

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

```
.background{ background-color:#00A09B }
```

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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