

# Converting Colors

Decimal(41646)

Have a look what the booklet for  
Decimal(41646) contains.

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# Color

**Decimal(41646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A2AE
RGB	0, 162, 174
RGB Percent	0%, 64%, 68%
CMY	1.0000, 0.3647, 0.3176
CMYK	1.00, 0.07, 0.00, 0.32
HSL	184°, 100%, 34%
HSV	184°, 100%, 68%
XYZ	20.5603, 28.8967, 44.5384
YIQ	114.9300, -100.4040, -30.6120

# Conversions

## Conversions Part 2

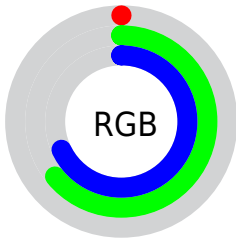
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 84, 174
Decimal	41646
CIELab	60.69, -30.41, -16.24
CIELCh	61, 34.479, 208.099
Yxy	28.8967, 0.2187, 0.3074
Android (android.graphics.Color)	4278231726 (0xFF00A2AE)
YUV	114.9300, 29.1215, -100.7936
Hunter-Lab	53.7556, -25.8001, -11.4949

# Details

The Decimal color **41646** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11406336**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **6281701**, and **28282** is the 20% darker color. If you saturate the color by 10%, you get **41646**, and if you desaturate by 10%, it is **1156014**.

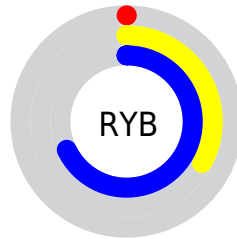
# Distribution



Red (0%)

Green (64%)

Blue (68%)



Red (0%)

Yellow (33%)

Blue (68%)

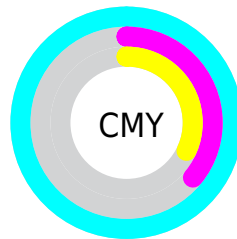


Cyan (100%)

Magenta (7%)

Yellow (0%)

Black (32%)



Cyan (100%)

Magenta (36%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 41646 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 41646 by changing the saturation by 10% instead.





 41646  41646

16777215  34707

 6281701  28282

 8386303  21857

 10354687  15689

 12320767  10034

 14352383  1566

 16318463  0

 41646

 1156014

■ 2335918

■ 3450542

■ 4630446

■ 5744814

■ 6859182

■ 8039086

■ 9153710

■ 10333614

# Harmonies

## Analogous

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



3842703



41646



2662085

# Triad

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



41646



12026291



11046997

# Complementary

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



41646



11406336

# 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.



12617056



41646



13269910

# Square

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



41646



9669576



13466999



9017692

# Rectangle

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



41646



5282253



13466999



11635799



# Sweetspot

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



41646



10477283



44556



4812915



15921906



7566195



# Same Dimension

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



41646



54243



19374



5133911



35990



5399



# Inverse Universe

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



11403426



14876883



11428608



5721686



9830540



1507349



# Previews

## White Background



This preview shows how the Decimal color 41646 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 41646 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

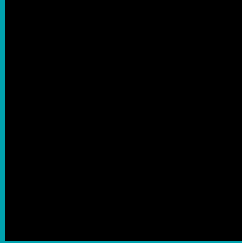
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 41646 Background



This preview shows how black text looks on a background with the Decimal color 41646.

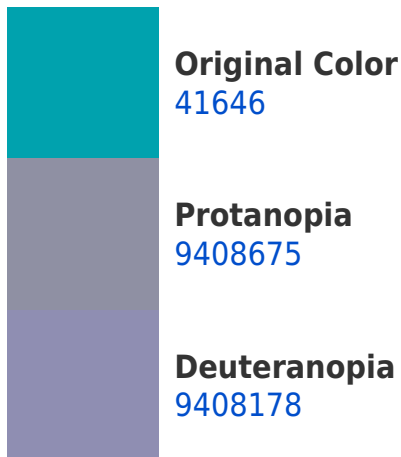


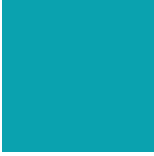
This preview shows how white text looks on a background with the Decimal color 41646.

# 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](#).

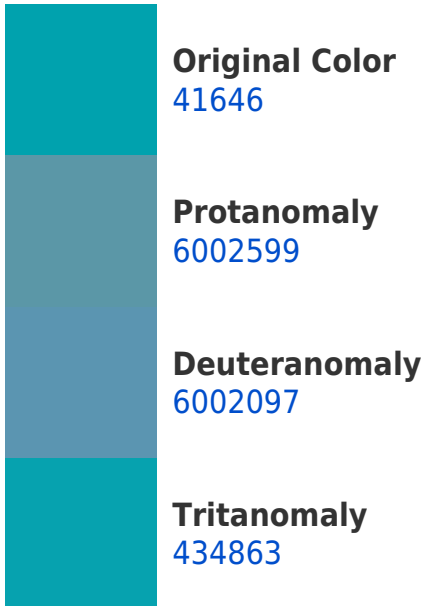
## Dichromacy





**Tritanopia**  
697007

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 41646 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 #00A2AE looks like.

```
.text, #text, p{  
  color:#00A2AE  
}
```

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 #00A2AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2AE
}
```

## Border

The CSS property to change the border of an element to Decimal 41646 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
#00A2AE }
```

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

```
.border{ border-color:#00A2AE }
```

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

Here you see how a box with a 4 pixel #00A2AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2AE; -webkit-box-shadow:4px 4px  
4px 4px #00A2AE; box-shadow:4px 4px 4px  
4px #00A2AE }
```

# Background

The CSS property to change the background color of an element to Decimal 41646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2AE }
```

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

```
.background{ background-color:#00A2AE }
```

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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