

Converting Colors

Decimal(40104)

Have a look what the booklet for
Decimal(40104) contains.

Decimal(40104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(40104)

Conversions

Conversions Part 1

Format	Color
Hex	009CA8
RGB	0, 156, 168
RGB Percent	0%, 61%, 66%
CMY	1.0000, 0.3882, 0.3412
CMYK	1.00, 0.07, 0.00, 0.34
HSL	184°, 100%, 33%
HSV	184°, 100%, 66%
XYZ	18.9564, 26.6041, 41.1818
YIQ	110.7240, -96.8280, -29.3400

Conversions

Conversions Part 2

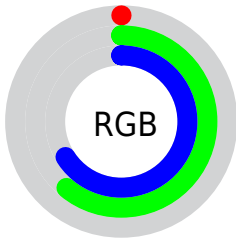
Format	Color
R _Y B	0, 81, 168
Decimal	40104
CIE _{Lab}	58.61, -29.45, -16.01
CIE _{LCh}	59, 33.517, 208.525
Y _{xy}	26.6041, 0.2185, 0.3067
Android (android.graphics.Color)	4278230184 (0xFF009CA8)
Y _{UV}	110.7240, 28.2371, -97.1049
Hunter-Lab	51.5792, -24.6613, -11.2329

Details

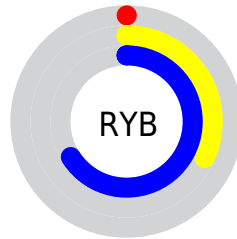
The Decimal color **40104** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11013120**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **6149087**, and **26740** is the 20% darker color. If you saturate the color by 10%, you get **40104**, and if you desaturate by 10%, it is **1154472**.

Distribution



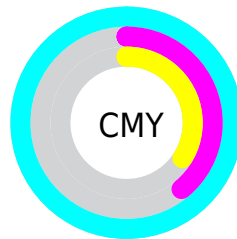
- Red (0%)
- Green (61%)
- Blue (66%)



- Red (0%)
- Yellow (32%)
- Blue (66%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 40104 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 40104 by changing the saturation by 10% instead.

 40104	 40104
 16777215	 33422
 6149087	 26740
 8253436	 20571
 10223615	 14404
 12189695	 9006
 14155775	 282
 16121855	 0

 40104

 1154472

■ 2268840

■ 3317928

■ 4432296

■ 5546664

■ 6661032

■ 7775400

■ 8824488

■ 9938856

Harmonies

Analogous

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



3644554



40104



2595006

Triad

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



40104



11631788



10586962

Complementary

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



40104



11013120

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.



12157020



40104



12809872

Square

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



40104



9340609



12941426



8623192

Rectangle

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



40104



5084102



12941426



11175763

Sweetspot

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



40104



10147803



43019



4615022



15592941



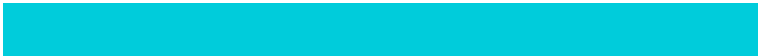
7237230

Same Dimension

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



40104



52443



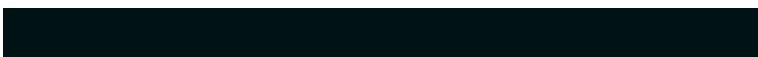
18856



5002324



35220



4884

Inverse Universe

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



11010204



14352588



11034368



5524564



9699465



1310739

Previews

White Background



This preview shows how the Decimal color 40104 looks on a white background.

Color Contrast Check

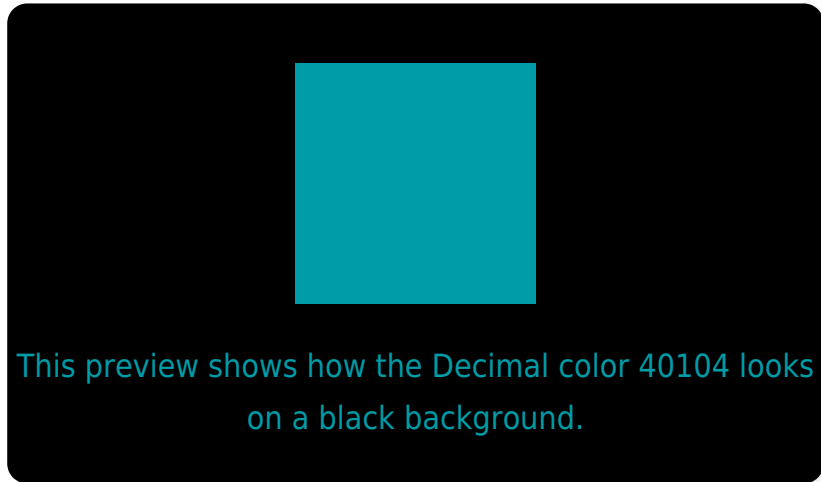
Large Text (above 18pt) WCAG AA ✓ Pass

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

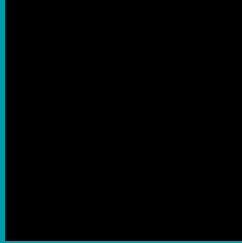
Any Text WCAG AA ✓ Pass

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 40104 Background



This preview shows how black text looks on a background with the Decimal color 40104.



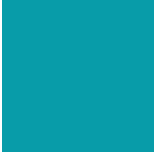
This preview shows how white text looks on a background with the Decimal color 40104.

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
564393

Trichromacy



Original Color

40104



Protanomaly

5804449



Deuteranomaly

5804203



Tritanomaly

367785

Monochromacy



Original Color

40104



Achromatopsia

7303023



Achromatomaly

4685700

CSS Examples

Text

The CSS property to change the color of the text to Decimal 40104 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 #009CA8 looks like.

```
.text, #text, p{  
    color:#009CA8  
}
```

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 #009CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009CA8
}
```

Border

The CSS property to change the border of an element to Decimal 40104 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
#009CA8 }
```

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

```
.border{ border-color:#009CA8 }
```

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

Here you see how a box with a 4 pixel #009CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009CA8; -webkit-box-shadow:4px 4px  
4px 4px #009CA8; box-shadow:4px 4px 4px  
4px #009CA8 }
```

Background

The CSS property to change the background color of an element to Decimal 40104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009CA8 }
```

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

```
.background{ background-color:#009CA8 }
```

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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