

Converting Colors

Decimal(40052)

Have a look what the booklet for
Decimal(40052) contains.

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Color

Decimal(40052)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009C74 |
| RGB | 0, 156, 116 |
| RGB Percent | 0%, 61%, 45% |
| CMY | 1.0000, 0.3882, 0.5451 |
| CMYK | 1.00, 0.00, 0.26, 0.39 |
| HSL | 165°, 100%, 31% |
| HSV | 165°, 100%, 61% |
| XYZ | 15.0409, 25.0379, 20.5631 |
| YIQ | 104.7960, -80.1360, -45.5120 |

Conversions

Conversions Part 2

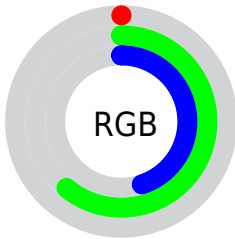
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 89, 156 |
| Decimal | 40052 |
| CIELab | 57.11, -44.69, 11.31 |
| CIELCh | 57, 46.101, 165.800 |
| Yxy | 25.0379, 0.2480, 0.4129 |
| Android (android.graphics.Color) | 4278230132 (0xFF009C74) |
| YUV | 104.7960, 5.5236, -91.9061 |
| Hunter-Lab | 50.0379, -33.9111, 10.6613 |

Details

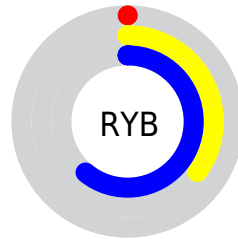
The Decimal color **40052** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10223656**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **5821352**, and **26436** is the 20% darker color. If you saturate the color by 10%, you get **40052**, and if you desaturate by 10%, it is **1088632**.

Distribution



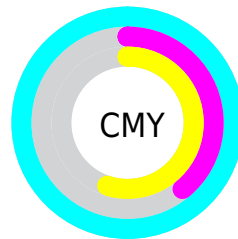
- Red (0%)
- Green (61%)
- Blue (45%)



- Red (0%)
- Yellow (35%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 40052 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 40052 by changing the saturation by 10% instead.

 40052  40052

16777215  33115

 5821352  26436

 7794883  20013

 9764831  13849

 11665404  8192

 13631487  0

 15597567

 40052

 1088632

 2071676

 3120256

 4103300

 5151880

 6200460

 7183504

 8232084

 9215128

Harmonies

Analogous

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



6199119



40052



40350

Triad

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



40052



7046870



13267281

Complementary

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



40052



10223656

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.



13920117



40052



10974913

Square

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



40052



37847



13199774



11567161

Rectangle

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



40052



40119



13199774



13659484

Sweetspot

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



40052



9424060



2792448



4286045



15132390



6710886

Same Dimension

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



40052



52376



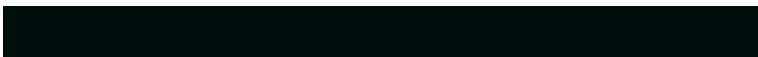
30876



4673357



36714



3851

Inverse Universe

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



10223656



13369396



10232832



5195593



9371685



983044

Previews

White Background



This preview shows how the Decimal color 40052 looks on a white background.

Color Contrast Check

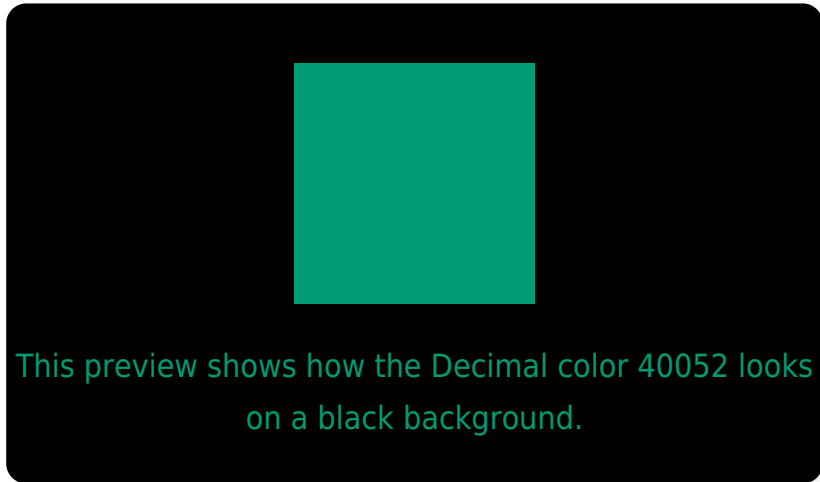
Large Text (above 18pt) WCAG AA ✓ Pass

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

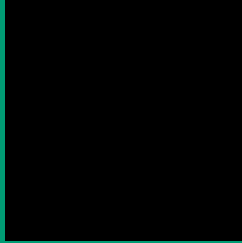
Any Text WCAG AA ✓ Pass

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 40052 Background



This preview shows how black text looks on a background with the Decimal color 40052.




This preview shows how white text looks on a background with the Decimal color 40052.

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
3315362

Trichromacy



Original Color

40052



Protanomaly

6066030



Deuteranomaly

6524023



Tritanomaly

2136209

Monochromacy



Original Color

40052



Achromatopsia

6908265



Achromatomaly

4422765

CSS Examples

Text

The CSS property to change the color of the text to Decimal 40052 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 #009C74 looks like.

```
.text, #text, p{  
    color:#009C74  
}
```

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 #009C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C74
}
```

Border

The CSS property to change the border of an element to Decimal 40052 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
#009C74 }
```

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

```
.border{ border-color:#009C74 }
```

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

Here you see how a box with a 4 pixel #009C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C74; -webkit-box-shadow:4px 4px  
4px 4px #009C74; box-shadow:4px 4px 4px  
4px #009C74 }
```

Background

The CSS property to change the background color of an element to Decimal 40052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C74 }
```

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

```
.background{ background-color:#009C74 }
```

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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