

Converting Colors

Decimal(40014)

Have a look what the booklet for
Decimal(40014) contains.

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Color

Decimal(40014)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009C4E |
| RGB | 0, 156, 78 |
| RGB Percent | 0%, 61%, 31% |
| CMY | 1.0000, 0.3882, 0.6941 |
| CMYK | 1.00, 0.00, 0.50, 0.39 |
| HSL | 150°, 100%, 31% |
| HSV | 150°, 100%, 61% |
| XYZ | 13.2636, 24.3270, 11.2042 |
| YIQ | 100.4640, -67.9380, -57.3300 |

Conversions

Conversions Part 2

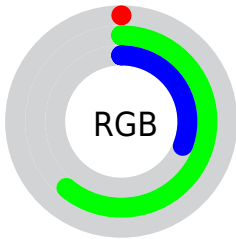
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 104, 156 |
| Decimal | 40014 |
| CIELab | 56.41, -52.78, 31.13 |
| CIELCh | 56, 61.279, 149.469 |
| Yxy | 24.3270, 0.2718, 0.4986 |
| Android (android.graphics.Color) | 4278230094 (0xFF009C4E) |
| YUV | 100.4640, -11.0748, -88.1069 |
| Hunter-Lab | 49.3224, -38.3126, 21.0572 |

Details

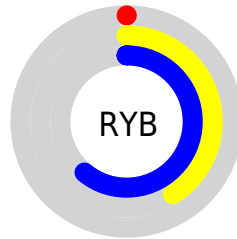
The Decimal color **40014** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10223694**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **5821568**, and **26398** is the 20% darker color. If you saturate the color by 10%, you get **40014**, and if you desaturate by 10%, it is **1088598**.

Distribution



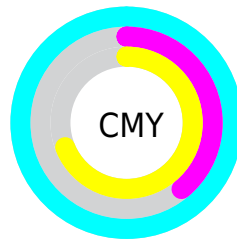
- Red (0%)
- Green (61%)
- Blue (31%)



- Red (0%)
- Yellow (41%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 40014 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 40014 by changing the saturation by 10% instead.

 40014  40014

16777215  33078

 5821568  26398

 7795099  19973

 9699254  13824

 11599826  7680

 13565934  0

 15532031

 40014

 1088598

 2071646

 3120229

 4103277

 5151861

 6200445

 7183493

 8232076

 9215124

Harmonies

Analogous

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



7181085



40014



41093

Triad

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



40014



36594



14899798

Complementary

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



40014



10223694

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.



14963339



40014



8681957

Square

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



40014



39651



13001150



13332264

Rectangle

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



40014



41129



13001150



15160679

Sweetspot

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



40014



9424045



5151744



4286036



15132390



6710886

Same Dimension

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



40014



52326



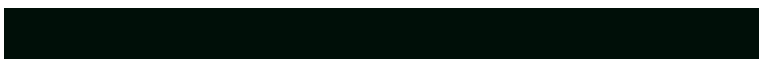
40092



4673355



36679



3848

Inverse Universe

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



10223694



13369446



10223616



5195595



9371719



983048

Previews

White Background



This preview shows how the Decimal color 40014 looks on a white background.

Color Contrast Check

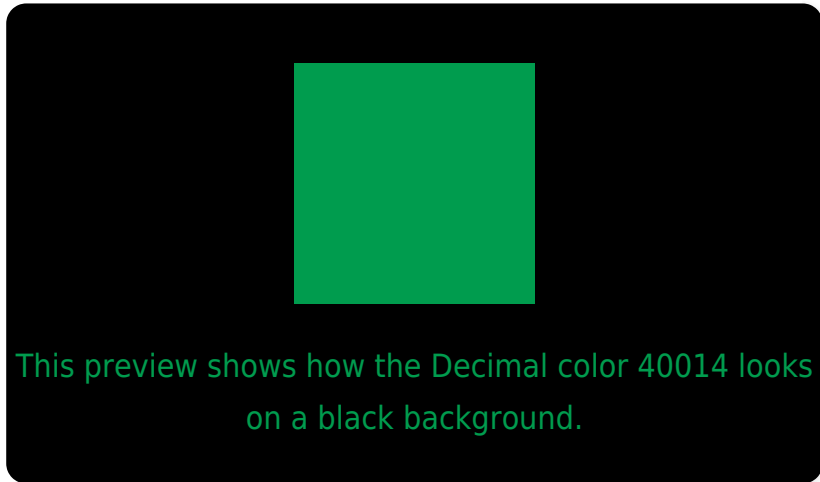
Large Text (above 18pt) WCAG AA ✓ Pass

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 40014 Background



This preview shows how black text looks on a background with the Decimal color 40014.



This preview shows how white text looks on a background with the Decimal color 40014.

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



Original Color
40014

Protanopia
9733959

Deuteranopia
10649941



Tritanopia
3969951

Trichromacy



Original Color

40014



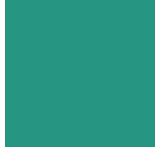
Protanomaly

6197066



Deuteranomaly

6785874



Tritanomaly

2528898

Monochromacy



Original Color

40014



Achromatopsia

6579300



Achromatomaly

4225116

CSS Examples

Text

The CSS property to change the color of the text to Decimal 40014 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 #009C4E looks like.

```
.text, #text, p{  
    color:#009C4E  
}
```

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 #009C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C4E
}
```

Border

The CSS property to change the border of an element to Decimal 40014 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
#009C4E }
```

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

```
.border{ border-color:#009C4E }
```

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

Here you see how a box with a 4 pixel #009C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C4E; -webkit-box-shadow:4px 4px  
4px 4px #009C4E; box-shadow:4px 4px 4px  
4px #009C4E }
```

Background

The CSS property to change the background color of an element to Decimal 40014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C4E }
```

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

```
.background{ background-color:#009C4E }
```

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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