

Converting Colors

Decimal(17449)

Have a look what the booklet for
Decimal(17449) contains.

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Color

Decimal(17449)

Conversions

Conversions Part 1

Format	Color
Hex	004429
RGB	0, 68, 41
RGB Percent	0%, 27%, 16%
CMY	1.0000, 0.7333, 0.8392
CMYK	1.00, 0.00, 0.40, 0.73
HSL	156°, 100%, 13%
HSV	156°, 100%, 27%
XYZ	2.4674, 4.2943, 2.7967
YIQ	44.5900, -31.8610, -22.8130

Conversions

Conversions Part 2

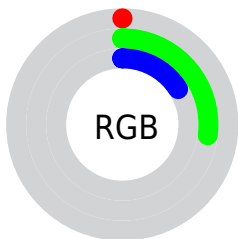
Format	Color
R_{YB}	0, 42, 68
Decimal	17449
CIE _{Lab}	24.62, -27.05, 11.03
CIE _{LCh}	25, 29.207, 157.817
Y _{xy}	4.2943, 0.2581, 0.4493
Android (android.graphics.Color)	4278207529 (0xFF004429)
YUV	44.5900, -1.7699, -39.1054
Hunter-Lab	20.7228, -15.0118, 6.5044

Details

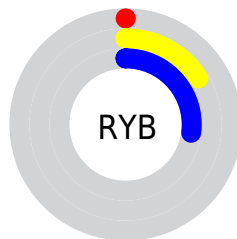
The Decimal color **17449** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4456475**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **3831126**, and **6400** is the 20% darker color. If you saturate the color by 10%, you get **17449**, and if you desaturate by 10%, it is **476204**.

Distribution



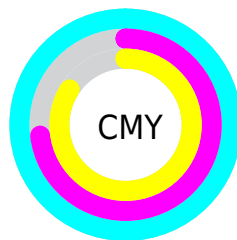
- Red (0%)
- Green (27%)
- Blue (16%)



- Red (0%)
- Yellow (16%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17449 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 17449 by changing the saturation by 10% instead.

 17449  17449

 16252927  11540

 3831126  6400

 5476207  0

 7186824

 8897954

 10674622

 12517081

 14352374

 17449

■ 476204

■ 934958

■ 1328177

■ 1786932

■ 2245687

■ 2704441

■ 3163196

■ 3556415

■ 4015169

Harmonies

Analogous

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



2703638



17449



17728

Triad

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



17449



1653606



6302497

Complementary

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



17449



4456475

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.



6497846



17449



4403805

Square

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



17449



16739



5909068



5452561

Rectangle

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



17449



17742



5909068



6433063

Sweetspot

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



17449



4086095



1786880



1912359



11382189



3026478

Same Dimension

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



17449



22838



15684



1974560



24890



57479

Inverse Universe

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



4456475



5832739



4458240



2170399



6357030



14680153

Previews

White Background



This preview shows how the Decimal color 17449 looks on a white background.

Color Contrast Check

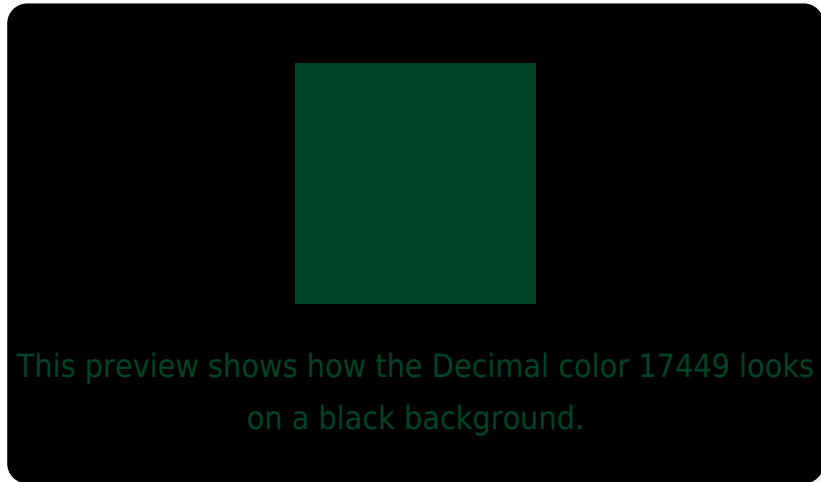
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

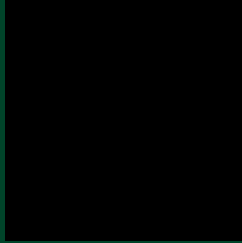
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 17449 Background



This preview shows how black text looks on a background with the Decimal color 17449.



This preview shows how white text looks on a background with the Decimal color 17449.

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
17449

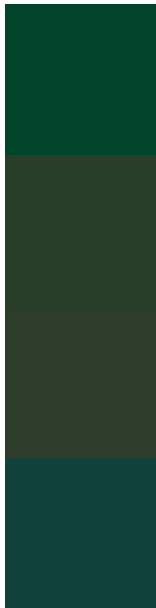
Protanopia
4209445

Deuteranopia
4601900



Tritanopia
1655110

Trichromacy



Original Color
17449

Protanomaly
2702886

Deuteranomaly
2964523

Tritanomaly
1065531

Monochromacy



Original Color
17449

Achromatopsia
2960685

Achromatomaly
1914156

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17449 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 #004429 looks like.

```
.text, #text, p{  
    color:#004429  
}
```

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 #004429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004429
}
```

Border

The CSS property to change the border of an element to Decimal 17449 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
#004429 }
```

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

```
.border{ border-color:#004429 }
```

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

Here you see how a box with a 4 pixel #004429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004429; -webkit-box-shadow:4px 4px  
4px 4px #004429; box-shadow:4px 4px 4px  
4px #004429 }
```

Background

The CSS property to change the background color of an element to Decimal 17449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004429 }
```

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

```
.background{ background-color:#004429 }
```

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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