

Converting Colors

Decimal(14849)

Have a look what the booklet for
Decimal(14849) contains.

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Color

Decimal(14849)

Conversions

Conversions Part 1

Format	Color
Hex	003A01
RGB	0, 58, 1
RGB Percent	0%, 23%, 0%
CMY	1.0000, 0.7725, 0.9961
CMYK	1.00, 0.00, 0.98, 0.77
HSL	121°, 100%, 11%
HSV	121°, 100%, 23%
XYZ	1.5185, 3.0283, 0.5332
YIQ	34.1600, -16.2710, -30.0230

Conversions

Conversions Part 2

Format	Color
RYB	0, 57, 58
Decimal	14849
CIELab	20.16, -29.92, 27.13
CIELCh	20, 40.385, 137.801
Yxy	3.0283, 0.2989, 0.5961
Android (android.graphics.Color)	4278204929 (0xFF003A01)
YUV	34.1600, -16.3479, -29.9583
Hunter-Lab	17.4020, -14.8773, 10.3648

Details

The Decimal color **14849** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3801145**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **3631664**, and **256** is the 20% darker color. If you saturate the color by 10%, you get **14849**, and if you desaturate by 10%, it is **408071**.

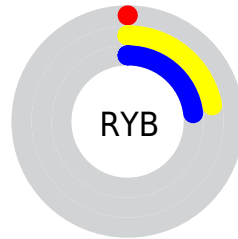
Distribution



Red (0%)

Green (23%)

Blue (0%)



Red (0%)

Yellow (22%)

Blue (23%)

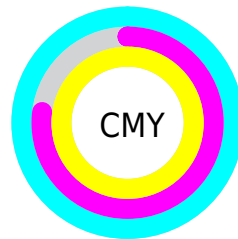


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (77%)



Cyan (100%)


Magenta (77%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 14849 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 14849 by changing the saturation by 10% instead.

 14849  14849

 15990758  9472

 3631664  256

 5276743  0

 6921824

 8698233

 10474899

 12251566

 14090185

 14849

■ 408071

■ 801292

■ 1128978

■ 1522200

■ 1915421

■ 2308643

■ 2701865

■ 3029551

■ 3422772

Harmonies

Analogous

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



2962688



14849



15651

Triad

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



14849



14443



6490913

Complementary

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



14849



3801145

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.



6163774



14849



274026

Square

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



14849



15452



4661081



5905408

Rectangle

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



14849



15672



4661081



6555690

Sweetspot

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



14849



3558710



3750400



1582617



10921638



2500134

Same Dimension

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



14849



19713



14878



1645593



23554



56068

Inverse Universe

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



3801145



5046347



3801116



1841436



6029402



14352600

Previews

White Background



This preview shows how the Decimal color 14849 looks on a white background.

Color Contrast Check

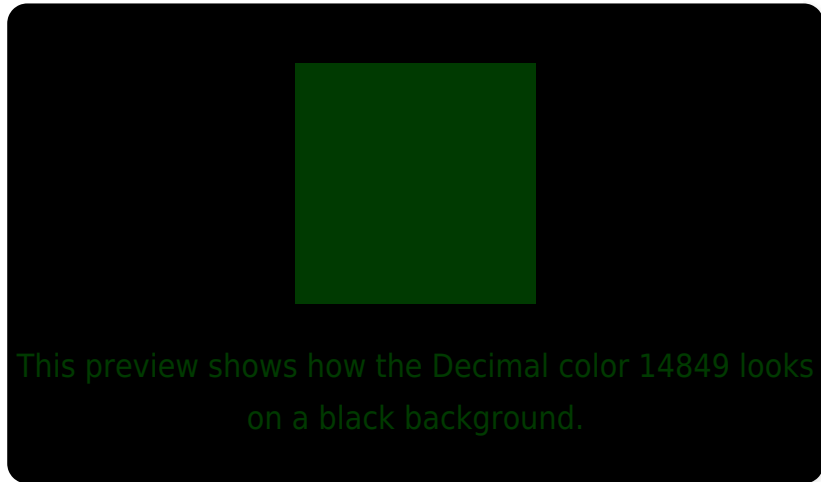
Large Text (above 18pt) WCAG AA ✓ Pass

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

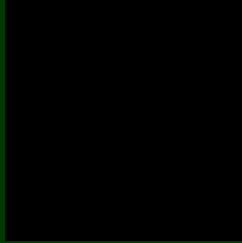
Any Text WCAG AA × Fail

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 14849 Background



This preview shows how black text looks on a background with the Decimal color 14849.



This preview shows how white text looks on a background with the Decimal color 14849.

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](#).

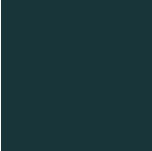
Dichromacy



Original Color
14849

Protanopia
3682816

Deuteranopia
4075277



Tritanopia
1586746

Trichromacy



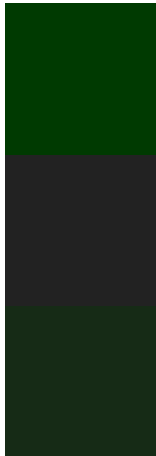
Original Color
14849

Protanomaly
2372864

Deuteranomaly
2568969

Tritanomaly
997157

Monochromacy



Original Color
14849

Achromatopsia
2236962

Achromatomaly
1452822

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14849 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 #003A01 looks like.

```
.text, #text, p{  
    color:#003A01  
}
```

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 #003A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A01
}
```

Border

The CSS property to change the border of an element to Decimal 14849 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
#003A01 }
```

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

```
.border{ border-color:#003A01 }
```

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

Here you see how a box with a 4 pixel #003A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A01; -webkit-box-shadow:4px 4px  
4px 4px #003A01; box-shadow:4px 4px 4px  
4px #003A01 }
```

Background

The CSS property to change the background color of an element to Decimal 14849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A01 }
```

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

```
.background{ background-color:#003A01 }
```

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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