

# Converting Colors

Decimal(17938)

Have a look what the booklet for  
Decimal(17938) contains.

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# Color

**Decimal(17938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004612
RGB	0, 70, 18
RGB Percent	0%, 27%, 7%
CMY	1.0000, 0.7255, 0.9294
CMYK	1.00, 0.00, 0.74, 0.73
HSL	135°, 100%, 14%
HSV	135°, 100%, 27%
XYZ	2.2993, 4.4240, 1.3050
YIQ	43.1420, -25.0280, -31.0120

# Conversions

## Conversions Part 2

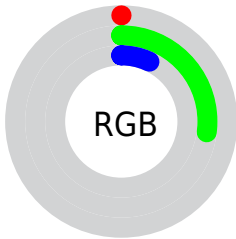
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 70
Decimal	17938
CIELab	25.03, -32.23, 24.97
CIELCh	25, 40.768, 142.239
Yxy	4.4240, 0.2864, 0.5510
Android (android.graphics.Color)	4278208018 (0xFF004612)
YUV	43.1420, -12.3950, -37.8355
Hunter-Lab	21.0333, -17.2948, 11.0447

# Details

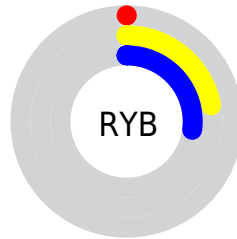
The Decimal color **17938** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4587572**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **3897151**, and **6656** is the 20% darker color. If you saturate the color by 10%, you get **17938**, and if you desaturate by 10%, it is **476695**.

# Distribution



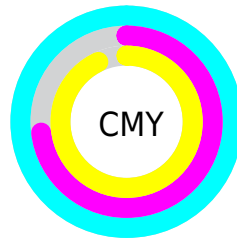
- Red (0%)
- Green (27%)
- Blue (7%)



- Red (0%)
- Yellow (22%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 17938 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 17938 by changing the saturation by 10% instead.



 17938                       17938

 16449528                       12032

 3897151                       6656

 5607767                       0

 7318640

 9029769

 10871972

 12648383

 14548955

 17938

■ 476695

■ 935452

■ 1394210

■ 1852967

■ 2311724

■ 2770481

■ 3229238

■ 3687996

■ 4146753

# Harmonies

## Analogous

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



3424512



17938



18738

# Triad

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



17938



17017



7412518

# Complementary

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



17938



4587572

# 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.



7215429



17938



2570101

# Square

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



17938



18284



5777250



6629896

# Rectangle

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



17938



18760



5777250



7411760



# Sweetspot

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



17938



4217927



3491328



1912354



11382189



3026478



# Same Dimension

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



17938



23576



17973



2106401



25370



58170



# Inverse Universe

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



4587572



6029380



4587538



2367523



6488138

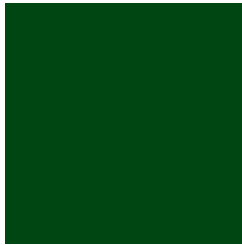


14876841



# Previews

## White Background



This preview shows how the Decimal color 17938 looks on a white background.

## Color Contrast Check

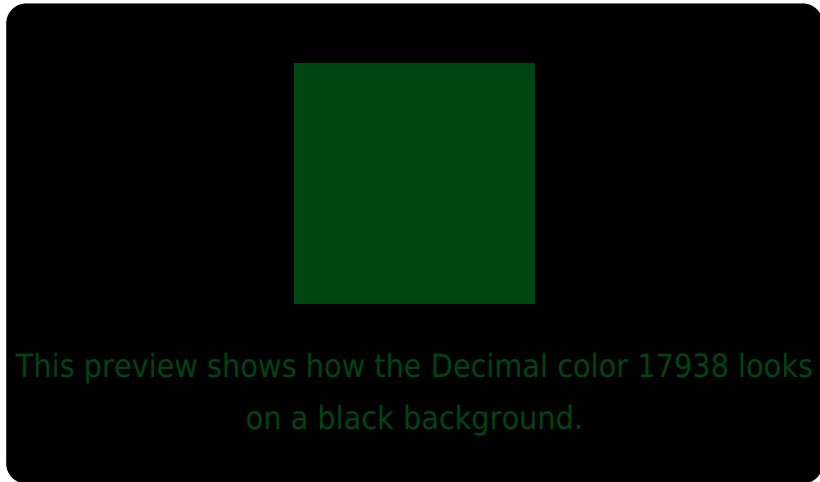
Large Text (above 18pt) WCAG AA ✓ Pass

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

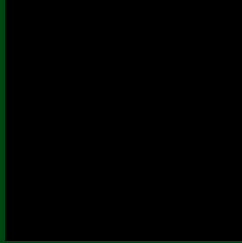
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 17938 Background



This preview shows how black text looks on a background with the Decimal color 17938.



This preview shows how white text looks on a background with the Decimal color 17938.

# 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**  
17938

**Protanopia**  
4406287

**Deuteranopia**  
4929815



**Tritanopia**  
1917255

# Trichromacy



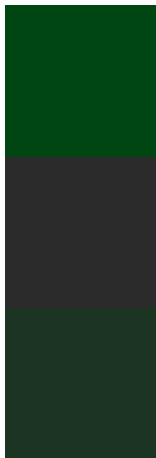
**Original Color**  
17938

**Protanomaly**  
2834448

**Deuteranomaly**  
3161621

**Tritanomaly**  
1196852

# Monochromacy



**Original Color**  
17938

**Achromatopsia**  
2829099

**Achromatomaly**  
1783074

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 17938 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 #004612 looks like.

```
.text, #text, p{  
    color:#004612  
}
```

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 #004612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004612
}
```

## Border

The CSS property to change the border of an element to Decimal 17938 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
#004612 }
```

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

```
.border{ border-color:#004612 }
```

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

Here you see how a box with a 4 pixel #004612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004612; -webkit-box-shadow:4px 4px  
4px 4px #004612; box-shadow:4px 4px 4px  
4px #004612 }
```

# Background

The CSS property to change the background color of an element to Decimal 17938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004612 }
```

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

```
.background{ background-color:#004612 }
```

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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