

# Converting Colors

Decimal(18962)

Have a look what the booklet for  
Decimal(18962) contains.

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# Color

**Decimal(18962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004A12
RGB	0, 74, 18
RGB Percent	0%, 29%, 7%
CMY	1.0000, 0.7098, 0.9294
CMYK	1.00, 0.00, 0.76, 0.71
HSL	135°, 100%, 15%
HSV	135°, 100%, 29%
XYZ	2.5580, 4.9412, 1.3912
YIQ	45.4900, -26.1280, -33.1040

# Conversions

## Conversions Part 2

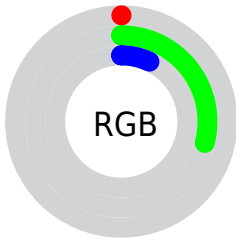
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 74
Decimal	18962
CIELab	26.57, -33.64, 26.63
CIELCh	27, 42.907, 141.629
Yxy	4.9412, 0.2877, 0.5558
Android (android.graphics.Color)	4278209042 (0xFF004A12)
YUV	45.4900, -13.5526, -39.8947
Hunter-Lab	22.2289, -18.3599, 11.8495

# Details

The Decimal color **18962** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4849720**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **4029504**, and **7936** is the 20% darker color. If you saturate the color by 10%, you get **18962**, and if you desaturate by 10%, it is **477720**.

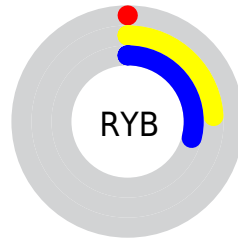
# Distribution



Red (0%)

Green (29%)

Blue (7%)



Red (0%)

Yellow (24%)

Blue (29%)

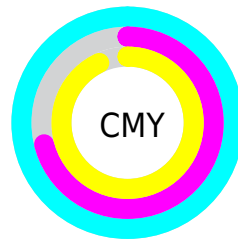


Cyan (100%)

Magenta (0%)

Yellow (76%)

Black (71%)



Cyan (100%)

Magenta (71%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 18962 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 18962 by changing the saturation by 10% instead.



 18962  18962

 16646137  13056

 4029504  7936

 5740120  0

 7450992

 9227658

 11004325

 12844992

 14745564

 18962

■ 477720

■ 1002013

■ 1460771

■ 1985064

■ 2443822

■ 2902580

■ 3426873

■ 3885631

■ 4409924

# Harmonies

## Analogous

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



3621888



18962



19764

# Triad

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



18962



18048



7805993

# Complementary

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



18962



4849720

# 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.



7608905



18962



2570876

# Square

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



18962



19314



6105704



7023625

# Rectangle

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



18962



19787



6105704



7870772



# Sweetspot

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



18962



4481355



3754496



2043939



11579568



3158064



# Same Dimension

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



18962



24856



18998



2237987



26137



58936



# Inverse Universe

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



4849720



6357065



4849684



2499109



6684749

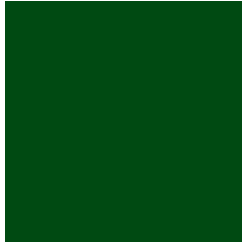


15073454



# Previews

## White Background



This preview shows how the Decimal color 18962 looks on a white background.

## Color Contrast Check

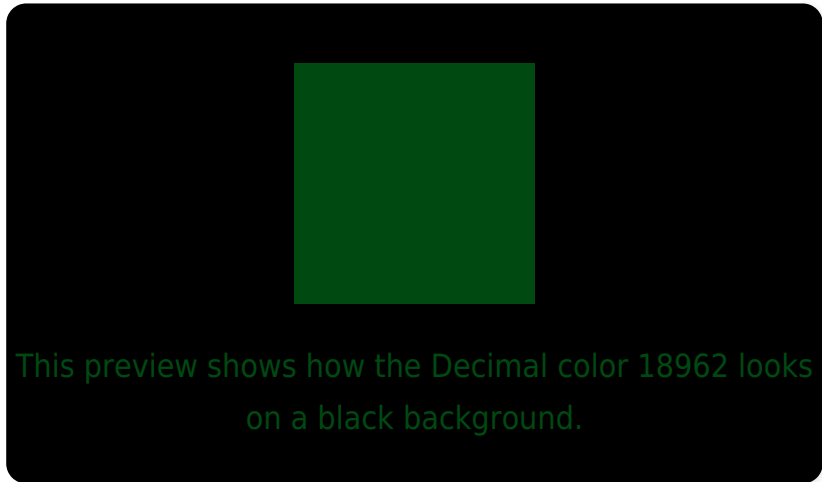
Large Text (above 18pt) WCAG AA ✓ Pass

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

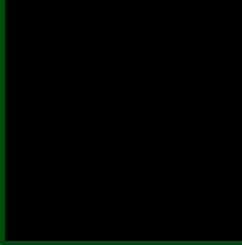
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 18962 Background



This preview shows how black text looks on a background with the Decimal color 18962.



This preview shows how white text looks on a background with the Decimal color 18962.

# 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**  
18962

**Protanopia**  
4669199

**Deuteranopia**  
5192728



# Trichromacy



**Original Color**  
18962

**Protanomaly**  
2966288

**Deuteranomaly**  
3293462

**Tritanomaly**  
1328950

# Monochromacy



**Original Color**  
18962

**Achromatopsia**  
2960685

**Achromatomaly**  
1914915

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 18962 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 #004A12 looks like.

```
.text, #text, p{  
    color:#004A12  
}
```

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 #004A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A12
}
```

## Border

The CSS property to change the border of an element to Decimal 18962 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
#004A12 }
```

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

```
.border{ border-color:#004A12 }
```

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

Here you see how a box with a 4 pixel #004A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A12; -webkit-box-shadow:4px 4px  
4px 4px #004A12; box-shadow:4px 4px 4px  
4px #004A12 }
```

# Background

The CSS property to change the background color of an element to Decimal 18962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A12 }
```

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

```
.background{ background-color:#004A12 }
```

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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