

# Converting Colors

Decimal(274178)

Have a look what the booklet for  
Decimal(274178) contains.

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**Color**

**Decimal(274178)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	042F02
RGB	4, 47, 2
RGB Percent	2%, 18%, 1%
CMY	0.9843, 0.8157, 0.9922
CMYK	0.91, 0.00, 0.96, 0.82
HSL	117°, 92%, 10%
HSV	117°, 96%, 18%
XYZ	1.0775, 2.0632, 0.3989
YIQ	29.0130, -11.1830, -23.1110

# Conversions

## Conversions Part 2

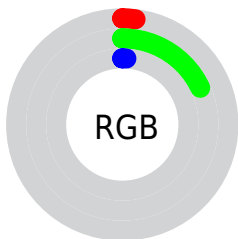
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	2, 47, 45
Decimal	274178
CIE Lab	15.82, -24.81, 21.56
CIE LCh	16, 32.873, 139.009
Yxy	2.0632, 0.3044, 0.5829
Android (android.graphics.Color)	4278464258 (0xFF042F02)
YUV	29.0130, -13.3174, -21.9364
Hunter-Lab	14.3639, -11.7463, 8.4083

# Details

The Decimal color **274178** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2949679**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **3431984**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **143104**, and if you desaturate by 10%, it is **536327**.

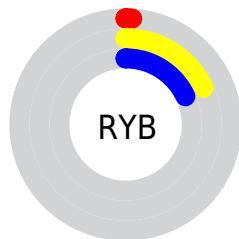
# Distribution



Red (2%)

Green (18%)

Blue (1%)



Red (1%)

Yellow (18%)

Blue (18%)

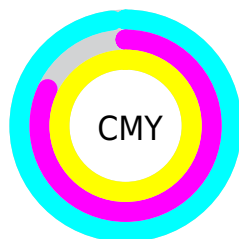


Cyan (91%)

Magenta (0%)

Yellow (96%)

Black (82%)



Cyan (98%)

Magenta (82%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 274178 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 274178 by changing the saturation by 10% instead.





274178



274178



15597541



7424



3431984



0



5076807



6721887



8366968



10143634



11920301



13762504



274178



274178

■ 143104

■ 536327

■ 864011

■ 1126160

■ 1453845

■ 1715993

■ 2043678

■ 2305827

■ 2633512

■ 2895660

# Harmonies

## Analogous

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



2435840



274178



12574

# Triad

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



274178



11605



5246234

# Complementary

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



274178



2949679

# 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.



4984113



274178



992596

# Square

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



274178



12618



3807558



4790272

# Rectangle

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



274178



12846



3807558



5245729



# Sweetspot

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



274178



2899243



3091714



1318676



10395294



2039583



# Same Dimension

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



274178



212224



143126



1382165



284416



710144



# Inverse Universe

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



2949679



3801149



3080731



1512727



5439575

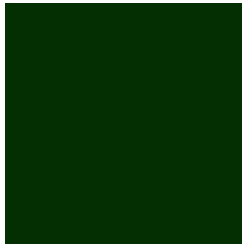


13435094



# Previews

## White Background



This preview shows how the Decimal color 274178 looks on a white background.

### Color Contrast Check

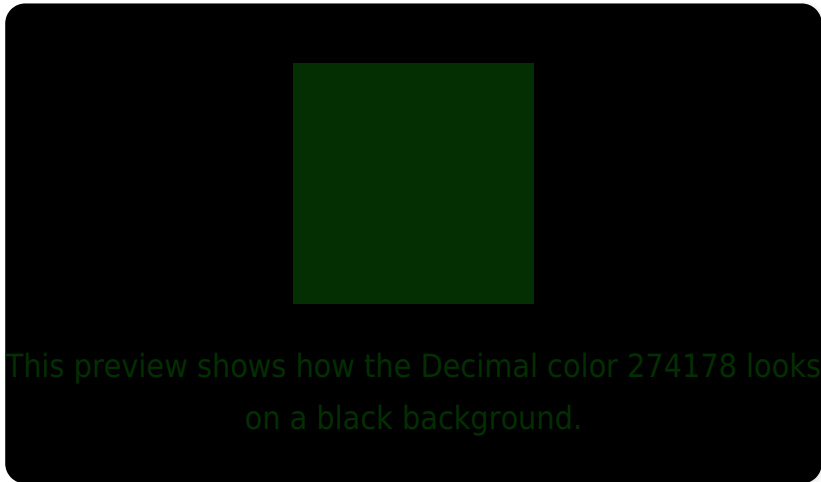
Large Text (above 18pt) WCAG AA ✓ Pass

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

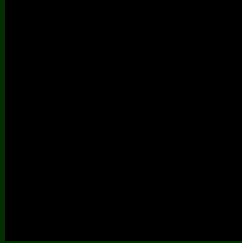
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 274178 Background



This preview shows how black text looks on a background with the Decimal color 274178.



This preview shows how white text looks on a background with the Decimal color 274178.

# 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](#).

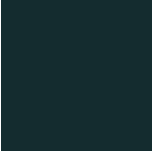
## Dichromacy



**Original Color**  
274178

**Protanopia**  
2959360

**Deuteranopia**  
3286538



**Tritanopia**  
1322031

# Trichromacy



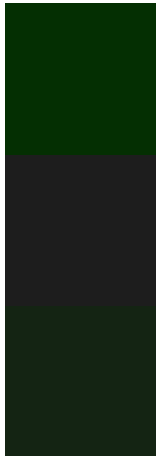
**Original Color**  
274178

**Protanomaly**  
1977089

**Deuteranomaly**  
2173191

**Tritanomaly**  
929055

# Monochromacy



**Original Color**  
274178

**Achromatopsia**  
1907997

**Achromatomaly**  
1319955

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 274178 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 #042F02 looks like.

```
.text, #text, p{  
    color:#042F02  
}
```

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 #042F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042F02
}
```

## Border

The CSS property to change the border of an element to Decimal 274178 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".

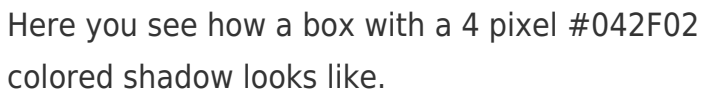
```
.border, #border, table{ border:4px solid
#042F02 }
```

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

```
.border{ border-color:#042F02 }
```

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

Here you see how a box with a 4 pixel #042F02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042F02; -webkit-box-shadow:4px 4px  
4px 4px #042F02; box-shadow:4px 4px 4px  
4px #042F02 }
```

# Background

The CSS property to change the background color of an element to Decimal 274178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042F02 }
```

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

```
.background{ background-color:#042F02 }
```

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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