

# Converting Colors

Decimal(472611)

Have a look what the booklet for  
Decimal(472611) contains.

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# Color

**Decimal(472611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	073623
RGB	7, 54, 35
RGB Percent	3%, 21%, 14%
CMY	0.9725, 0.7882, 0.8627
CMYK	0.87, 0.00, 0.35, 0.79
HSL	156°, 77%, 12%
HSV	156°, 87%, 21%
XYZ	1.7102, 2.8049, 2.0414
YIQ	37.7810, -21.9130, -15.8730

# Conversions

## Conversions Part 2

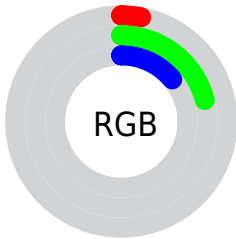
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 36, 54
Decimal	472611
CIE <sub>Lab</sub>	19.24, -20.90, 7.64
CIE <sub>LCh</sub>	19, 22.249, 159.929
Yxy	2.8049, 0.2608, 0.4278
Android (android.graphics.Color)	4278662691 (0xFF073623)
YUV	37.7810, -1.3710, -26.9949
Hunter-Lab	16.7477, -11.0813, 4.4966

# Details

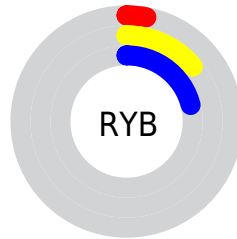
The Decimal color **472611** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3540762**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **3761487**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **144929**, and if you desaturate by 10%, it is **800293**.

# Distribution



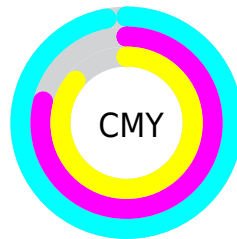
- Red (3%)
- Green (21%)
- Blue (14%)



- Red (3%)
- Yellow (14%)
- Blue (21%)



- Cyan (87%)
- Magenta (0%)
- Yellow (35%)
- Black (79%)



- Cyan (97%)
- Magenta (79%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 472611 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 472611 by changing the saturation by 10% instead.





472611



472611



15990783



8462



3761487



0



5340775



6986113



8696731



10473397



12250065



14090221



472611



472611

■ 144929

■ 800293

■ 13856

■ 1193511

■ 1521194

■ 1914412

■ 2242094

■ 2569776

■ 2962994

■ 3290676

■ 3683895

# Harmonies

## Analogous

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



2176021



472611



14132

# Triad

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



472611



1847119



4858907

# Complementary

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



472611



3540762

# 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.



5054762



472611



3614792

# Square

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



472611



13133



4661818



4270608

# Rectangle

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



472611



13886



4661818



4989471



# Sweetspot

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



472611



3491648



1783303



1647647



10724259



2368548



# Same Dimension

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



472611



18219



471606



1645595



23607



56195



# Inverse Universe

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



3540762



4653085



3541767



1841434



6029349

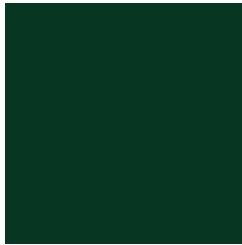


14352473



# Previews

## White Background



This preview shows how the Decimal color 472611 looks on a white background.

## Color Contrast Check

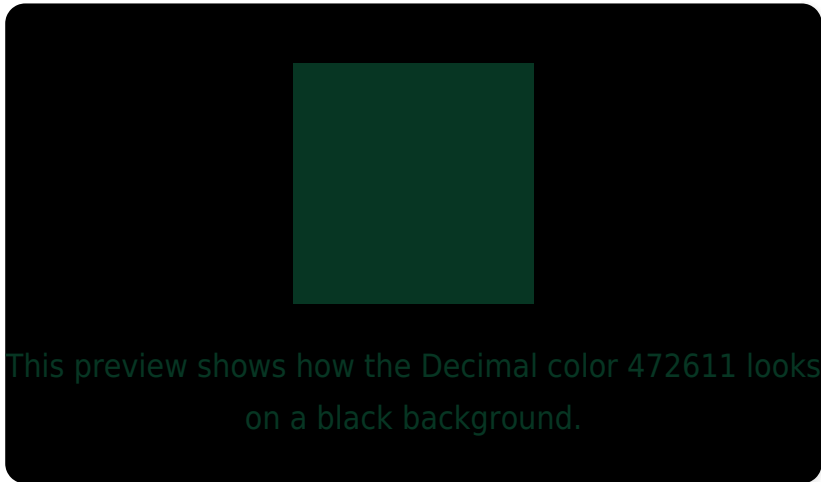
Large Text (above 18pt) WCAG AA ✓ Pass

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

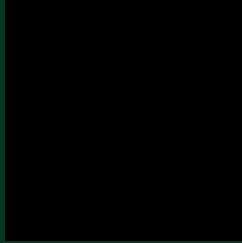
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 472611 Background



This preview shows how black text looks on a background with the Decimal color 472611.



This preview shows how white text looks on a background with the Decimal color 472611.

# 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](#).

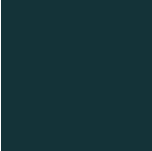
## Dichromacy



**Original Color**  
472611

**Protanopia**  
3354400

**Deuteranopia**  
3616037



**Tritanopia**  
1323832

# Trichromacy



**Original Color**  
472611

**Protanomaly**  
2306593

**Deuteranomaly**  
2502692

**Tritanomaly**  
996400

# Monochromacy



**Original Color**  
472611

**Achromatopsia**  
2500134

**Achromatomaly**  
1780773

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 472611 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 #073623 looks like.

```
.text, #text, p{  
    color:#073623  
}
```

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 #073623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073623
}
```

## Border

The CSS property to change the border of an element to Decimal 472611 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".

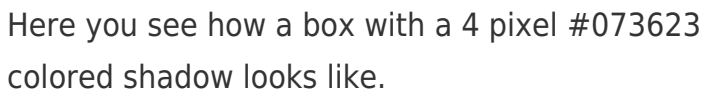
```
.border, #border, table{ border:4px solid
#073623 }
```

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

```
.border{ border-color:#073623 }
```

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

Here you see how a box with a 4 pixel #073623 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073623; -webkit-box-shadow:4px 4px  
4px 4px #073623; box-shadow:4px 4px 4px  
4px #073623 }
```

# Background

The CSS property to change the background color of an element to Decimal 472611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073623 }
```

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

```
.background{ background-color:#073623 }
```

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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