

# Converting Colors

Decimal(2771241)

Have a look what the booklet for  
Decimal(2771241) contains.

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# Color

**Decimal(2771241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A4929
RGB	42, 73, 41
RGB Percent	16%, 29%, 16%
CMY	0.8353, 0.7137, 0.8392
CMYK	0.42, 0.00, 0.44, 0.71
HSL	118°, 28%, 22%
HSV	118°, 44%, 29%
XYZ	3.7376, 5.4174, 2.9465
YIQ	60.0830, -8.2040, -16.5240

# Conversions

## Conversions Part 2

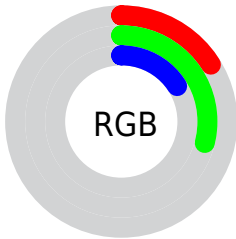
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 73, 72
Decimal	2771241
CIELab	27.89, -19.16, 15.63
CIELCh	28, 24.729, 140.795
Yxy	5.4174, 0.3089, 0.4477
Android (android.graphics.Color)	4280961321 (0xFF2A4929)
YUV	60.0830, -9.4079, -15.8588
Hunter-Lab	23.2754, -12.0678, 8.7871

# Details

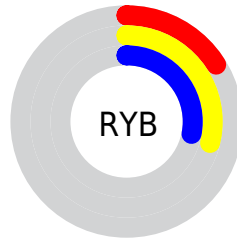
The Decimal color **2771241** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4729161**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **5864023**, and **7680** is the 20% darker color. If you saturate the color by 10%, you get **2312482**, and if you desaturate by 10%, it is **3230000**.

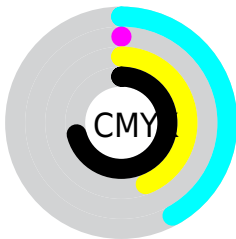
# Distribution



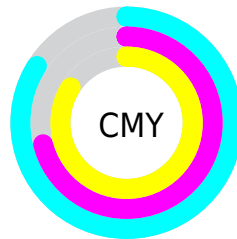
- Red (16%)
- Green (29%)
- Blue (16%)



- Red (16%)
- Yellow (29%)
- Blue (28%)



- Cyan (42%)
- Magenta (0%)
- Yellow (44%)
- Black (71%)



- Cyan (84%)
- Magenta (71%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2771241 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 2771241 by changing the saturation by 10% instead.





2771241



2771241

16777215



1258004



5864023



7680



7509103



0



9219721



10996387



12773054



14614490



16515062



2771241



2771241

■ 2312482

■ 3230000

■ 1853722

■ 3688760

■ 1394963

■ 4147519

■ 936204

■ 4606278

■ 477445

■ 5065038

■ 149760

■ 5523797

■ 6048092

■ 6506851

■ 6965611

# Harmonies

## Analogous

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



4211997



2771241



412475

# Triad

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



2771241



1066599



6697781

# Complementary

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



2771241



4729161

# 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.



6435657



2771241



3817317

# Square

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



2771241



19039



5519450



6305829

# Rectangle

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



2771241



19528



5519450



6697532



# Sweetspot

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



2771241



5398098



4802601



2699305



11579568



3158064



# Same Dimension

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



2771241



3038764



2705720



2106400



221952



516864



# Inverse Universe

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



4729161



6106206



4794682



2367524



6291555

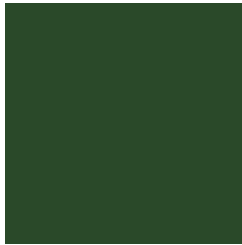


14418147



# Previews

## White Background



This preview shows how the Decimal color 2771241 looks on a white background.

## Color Contrast Check

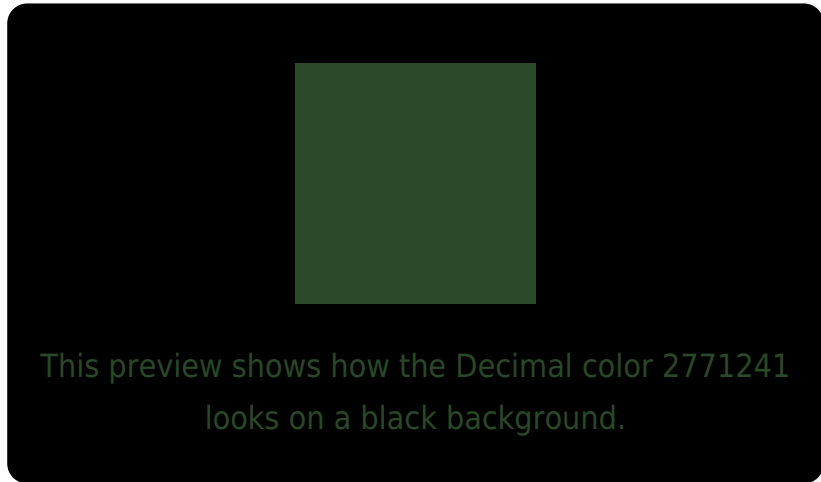
Large Text (above 18pt) WCAG AA ✓ Pass

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

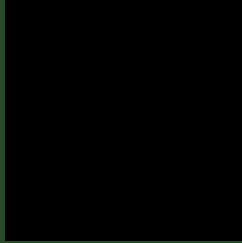
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2771241 Background



This preview shows how black text looks on a background with the Decimal color 2771241.



This preview shows how white text looks on a background with the Decimal color 2771241.

# 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](#).

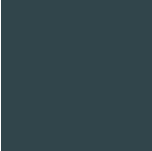
## Dichromacy



**Original Color**  
2771241

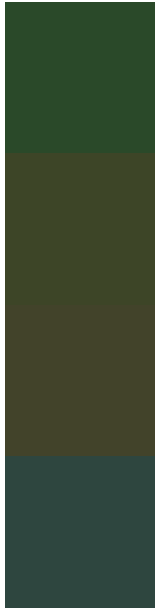
**Protanopia**  
4735526

**Deuteranopia**  
5193515



**Tritanopia**  
3229003

# Trichromacy



**Original Color**  
2771241

**Protanomaly**  
4015399

**Deuteranomaly**  
4342570

**Tritanomaly**  
3032639

# Monochromacy



**Original Color**  
2771241

**Achromatopsia**  
3947580

**Achromatomaly**  
3490101

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2771241 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 #2A4929 looks like.

```
.text, #text, p{  
    color:#2A4929  
}
```

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 #2A4929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4929
}
```

## Border

The CSS property to change the border of an element to Decimal 2771241 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".

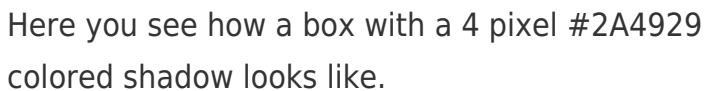
```
.border, #border, table{ border:4px solid
#2A4929 }
```

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

```
.border{ border-color:#2A4929 }
```

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

Here you see how a box with a 4 pixel #2A4929 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4929; -webkit-box-shadow:4px 4px  
4px 4px #2A4929; box-shadow:4px 4px 4px  
4px #2A4929 }
```

# Background

The CSS property to change the background color of an element to Decimal 2771241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4929 }
```

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

```
.background{ background-color:#2A4929 }
```

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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