

# Converting Colors

Decimal(3040071)

Have a look what the booklet for  
Decimal(3040071) contains.

<b>Decimal(3040071)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(3040071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E6347
RGB	46, 99, 71
RGB Percent	18%, 39%, 28%
CMY	0.8196, 0.6118, 0.7216
CMYK	0.54, 0.00, 0.28, 0.61
HSL	148°, 37%, 28%
HSV	148°, 54%, 39%
XYZ	6.7259, 9.9595, 7.5291
YIQ	79.9610, -22.6000, -19.9440

# Conversions

## Conversions Part 2

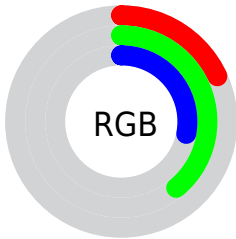
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 82, 99
Decimal	3040071
CIE <sub>Lab</sub>	37.77, -24.95, 10.62
CIE <sub>LCh</sub>	38, 27.119, 156.954
Yxy	9.9595, 0.2778, 0.4113
Android (android.graphics.Color)	4281230151 (0xFF2E6347)
YUV	79.9610, -4.4178, -29.7838
Hunter-Lab	31.5586, -17.1850, 7.9459

# Details

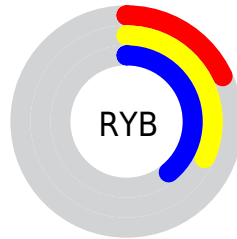
The Decimal color **3040071** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6499914**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **6329975**, and **13339** is the 20% darker color. If you saturate the color by 10%, you get **2384706**, and if you desaturate by 10%, it is **3695436**.

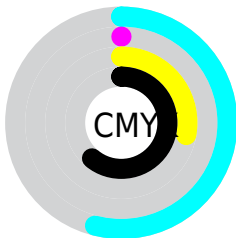
# Distribution



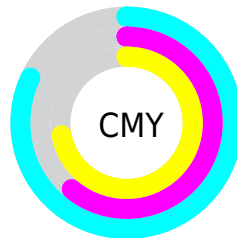
- Red (18%)
- Green (39%)
- Blue (28%)



- Red (18%)
- Yellow (32%)
- Blue (39%)



- Cyan (54%)
- Magenta (0%)
- Yellow (28%)
- Black (61%)



- Cyan (82%)
- Magenta (61%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3040071 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 3040071 by changing the saturation by 10% instead.



■ 3040071

■ 3040071

16777215

■ 1329969

■ 6329975

■ 13339

■ 8040849

■ 8193

■ 9751980

■ 0

■ 11594183

■ 13434851

■ 15269887

■ 3040071

■ 3040071

■ 2384706

■ 3695436

■ 1729341

■ 4350801

■ 1073975

■ 5006167

■ 418610

■ 5661532

■ 25391

■ 6316897

■ 6906726

■ 7562092

■ 8217457

■ 8872822

# Harmonies

## Analogous

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



4874037



3040071



25693

# Triad

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



3040071



4217220



8473152

# Complementary

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



3040071



6499914

# 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.



8537941



3040071



6443388

# Square

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



3040071



614529



7883370



7688753

# Rectangle

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



3040071



25708



7883370



8538438



# Sweetspot

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



3040071



7045237



4875054



3424313



12566463



4210752



# Same Dimension

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



3040071



3047508



3040097



2895918



28725



61553



# Inverse Universe

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



6499914



8400473



6499888



3157038



7340091

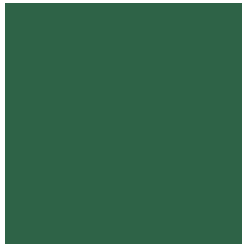


15728767



# Previews

## White Background



This preview shows how the Decimal color 3040071 looks on a white background.

## Color Contrast Check

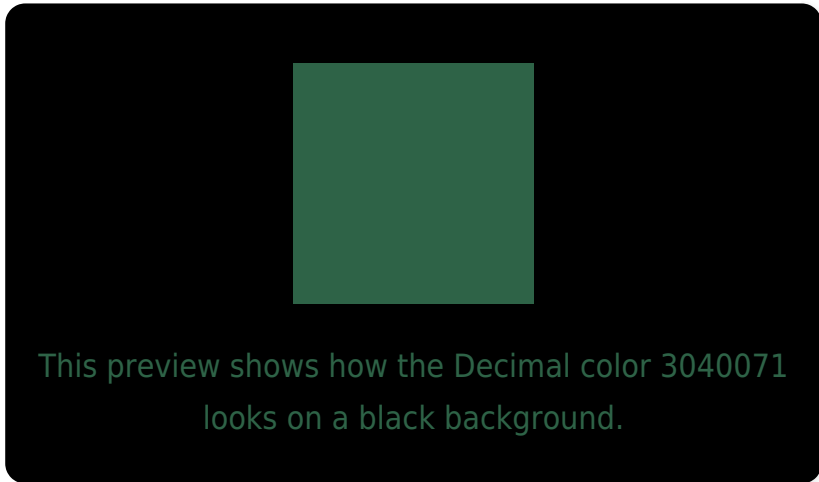
Large Text (above 18pt) WCAG AA ✓ Pass

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

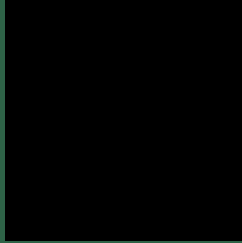
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3040071 Background



This preview shows how black text looks on a background with the Decimal color 3040071.



This preview shows how white text looks on a background with the Decimal color 3040071.

# 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**  
3040071

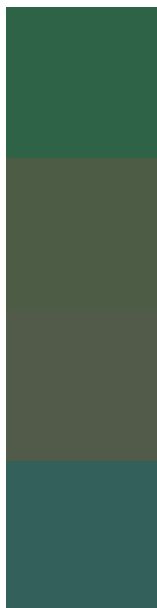
**Protanopia**  
6248514

**Deuteranopia**  
6706506



**Tritanopia**  
3628903

# Trichromacy



**Original Color**

3040071

**Protanomaly**

5069892

**Deuteranomaly**

5397065

**Tritanomaly**

3432539

# Monochromacy



**Original Color**

3040071

**Achromatopsia**

5263440

**Achromatomaly**

4478797

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3040071 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 #2E6347 looks like.

```
.text, #text, p{  
  color:#2E6347  
}
```

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 #2E6347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6347
}
```

## Border

The CSS property to change the border of an element to Decimal 3040071 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
#2E6347 }
```

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

```
.border{ border-color:#2E6347 }
```

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

Here you see how a box with a 4 pixel #2E6347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6347; -webkit-box-shadow:4px 4px  
4px 4px #2E6347; box-shadow:4px 4px 4px  
4px #2E6347 }
```

# Background

The CSS property to change the background color of an element to Decimal 3040071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6347 }
```

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

```
.background{ background-color:#2E6347 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor