

# Converting Colors

Decimal(3821378)

Have a look what the booklet for  
Decimal(3821378) contains.

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# Color

**Decimal(3821378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A4F42
RGB	58, 79, 66
RGB Percent	23%, 31%, 26%
CMY	0.7725, 0.6902, 0.7412
CMYK	0.27, 0.00, 0.16, 0.69
HSL	143°, 15%, 27%
HSV	143°, 27%, 31%
XYZ	5.5243, 6.8849, 6.1920
YIQ	71.2390, -8.3430, -8.4950

# Conversions

## Conversions Part 2

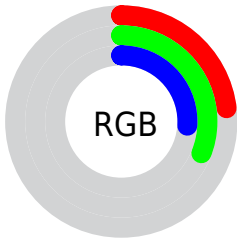
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 73, 79
Decimal	3821378
CIELab	31.54, -11.25, 5.06
CIELCh	32, 12.335, 155.779
Yxy	6.8849, 0.2970, 0.3701
Android (android.graphics.Color)	4282011458 (0xFF3A4F42)
YUV	71.2390, -2.5828, -11.6106
Hunter-Lab	26.2390, -8.3374, 4.3758

# Details

The Decimal color **3821378** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5192263**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **6979698**, and **991767** is the 20% darker color. If you saturate the color by 10%, you get **3297085**, and if you desaturate by 10%, it is **4345671**.

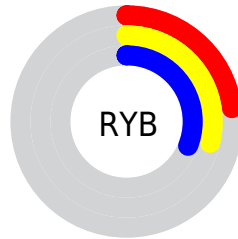
# Distribution



Red (23%)

Green (31%)

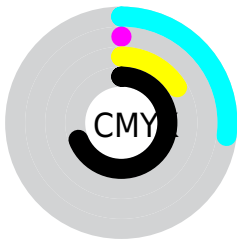
Blue (26%)



Red (23%)

Yellow (29%)

Blue (31%)

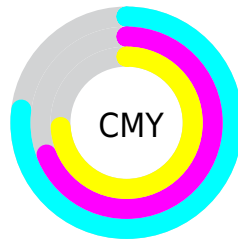


Cyan (27%)

Magenta (0%)

Yellow (16%)

Black (69%)



Cyan (77%)

Magenta (69%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3821378 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 3821378 by changing the saturation by 10% instead.



■ 3821378

■ 3821378

16777215

■ 2373676

■ 6979698

■ 991767

■ 8624779

■ 2816

■ 10335654

■ 0

■ 12112321

■ 13954525

■ 15794169

■ 3821378

■ 3821378

■ 3297085

■ 4345671

■ 2772792

■ 4869964

■ 2248499

■ 5394257

■ 1724206

■ 5918550

■ 1199914

■ 6442842

■ 741157

■ 6901599

■ 216864

■ 7425892

■ 20254

■ 7950185

■ 8474478

# Harmonies

## Analogous

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



4541754



3821378



3231820

# Triad

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



3821378



4278877



6112319

# Complementary

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



3821378



5192263

# 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.



6177609



3821378



5130074

# Square

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



3821378



3493212



5784658



5785401

# Rectangle

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



3821378



3100754



5784658



6177858



# Sweetspot

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



3821378



6186593



4673338



3027760



11776947



3355443



# Same Dimension

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



3821378



4548178



3821388



2237988



26151



58967



# Inverse Universe

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



5192263



6702426



5192253



2499109



6684735



15073422



# Previews

## White Background



This preview shows how the Decimal color 3821378 looks on a white background.

## Color Contrast Check

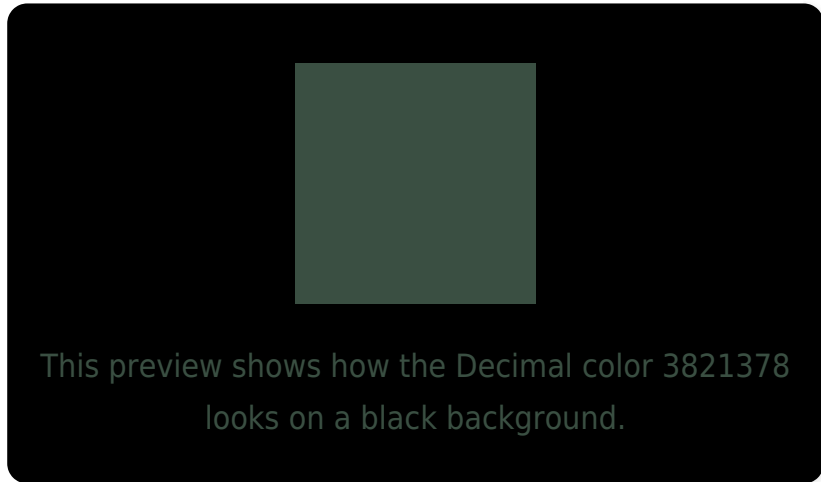
Large Text (above 18pt) WCAG AA ✓ Pass

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

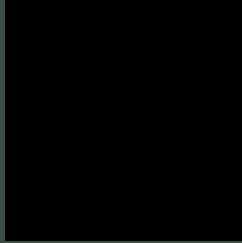
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3821378 Background



This preview shows how black text looks on a background with the Decimal color 3821378.

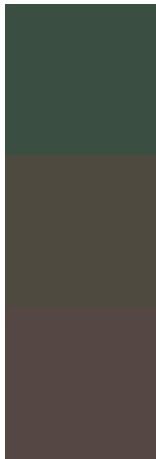


This preview shows how white text looks on a background with the Decimal color 3821378.

# 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](#).

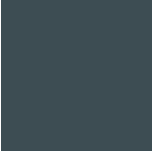
## Dichromacy



**Original Color**  
3821378

**Protanopia**  
5130815

**Deuteranopia**  
5523268



**Tritanopia**  
4017491

# Trichromacy



**Original Color**  
3821378

**Protanomaly**  
4672576

**Deuteranomaly**  
4934211

**Tritanomaly**  
3952205

# Monochromacy



**Original Color**  
3821378

**Achromatopsia**  
4671303

**Achromatomaly**  
4344389

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3821378 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 #3A4F42 looks like.

```
.text, #text, p{  
  color:#3A4F42  
}
```

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 #3A4F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4F42
}
```

## Border

The CSS property to change the border of an element to Decimal 3821378 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
#3A4F42 }
```

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

```
.border{ border-color:#3A4F42 }
```

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

Here you see how a box with a 4 pixel #3A4F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4F42; -webkit-box-shadow:4px 4px  
4px 4px #3A4F42; box-shadow:4px 4px 4px  
4px #3A4F42 }
```

# Background

The CSS property to change the background color of an element to Decimal 3821378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4F42 }
```

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

```
.background{ background-color:#3A4F42 }
```

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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