

# Converting Colors

Decimal(4017998)

Have a look what the booklet for  
Decimal(4017998) contains.

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# Color

**Decimal(4017998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D4F4E
RGB	61, 79, 78
RGB Percent	24%, 31%, 31%
CMY	0.7608, 0.6902, 0.6941
CMYK	0.23, 0.00, 0.01, 0.69
HSL	177°, 13%, 27%
HSV	177°, 23%, 31%
XYZ	6.0956, 7.1341, 8.2635
YIQ	73.5040, -10.4070, -4.1270

# Conversions

## Conversions Part 2

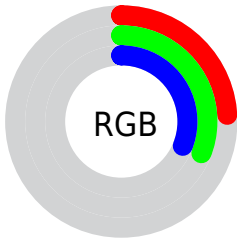
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 70, 79
Decimal	4017998
CIELab	32.11, -7.23, -1.73
CIElCh	32, 7.438, 193.434
Yxy	7.1341, 0.2836, 0.3319
Android (android.graphics.Color)	4282208078 (0xFF3D4F4E)
YUV	73.5040, 2.2165, -10.9660
Hunter-Lab	26.7098, -6.0056, 0.3537

# Details

The Decimal color **4017998** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5193022**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **7176319**, and **1188642** is the 20% darker color. If you saturate the color by 10%, you get **3493710**, and if you desaturate by 10%, it is **4542286**.

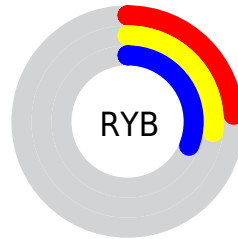
# Distribution



Red (24%)

Green (31%)

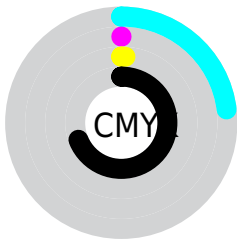
Blue (31%)



Red (24%)

Yellow (27%)

Blue (31%)

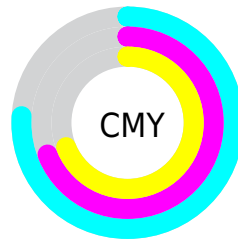


Cyan (23%)

Magenta (0%)

Yellow (1%)

Black (69%)



Cyan (76%)

Magenta (69%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4017998 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 4017998 by changing the saturation by 10% instead.



■ 4017998

■ 4017998

16777215

■ 2570295

■ 7176319

■ 1188642

■ 8821401

■ 3340

■ 10597812

■ 0

■ 12374223

■ 14151147

■ 16056319

■ 4017998

■ 4017998

■ 3493710

■ 4542286

■ 2969421

■ 5066575

■ 2445133

■ 5590863

■ 1920844

■ 6115152

■ 1462092

■ 6639440

■ 937803

■ 7098193

■ 413515

■ 7622481

■ 20299

■ 8146770

■ 8671058

# Harmonies

## Analogous

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



4280136



4017998



4017747

# Triad

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



4017998



5261652



5458496

# Complementary

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



4017998



5193022

# 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.



5720132



4017998



5589071

# Square

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



4017998



4803415



5785673



5065792

# Rectangle

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



4017998



4214358



5785673



5589313



# Sweetspot

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



4017998



6252134



4083517



3093299



11776947



3355443



# Same Dimension

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



4017998



4875876



4015951



2237990



26208



59097



# Inverse Universe

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



5193022



6703692



5195069



2499107



6684678



15073293



# Previews

## White Background



This preview shows how the Decimal color 4017998 looks on a white background.

## Color Contrast Check

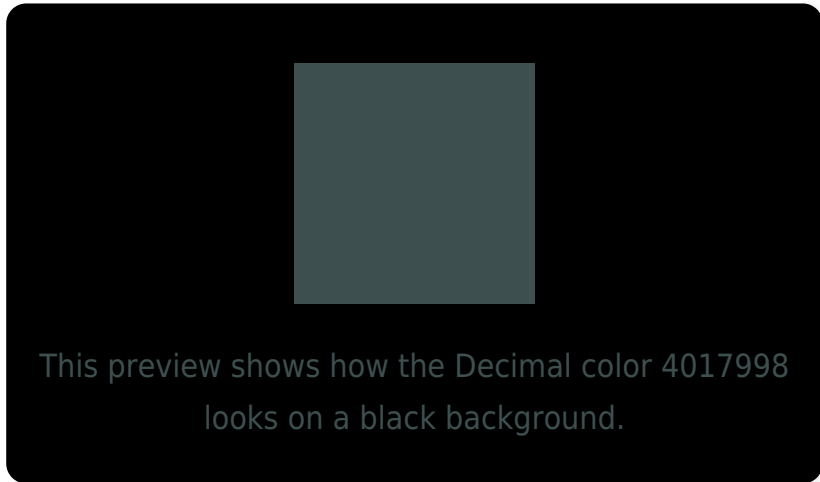
Large Text (above 18pt) WCAG AA ✓ Pass

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

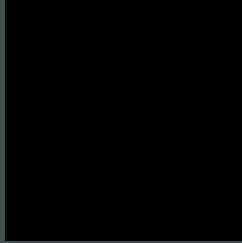
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4017998 Background



This preview shows how black text looks on a background with the Decimal color 4017998.

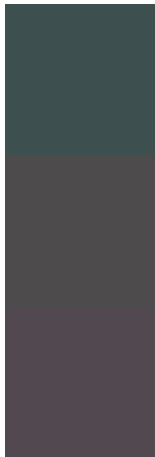


This preview shows how white text looks on a background with the Decimal color 4017998.

# 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](#).

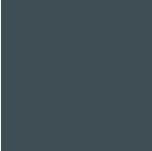
## Dichromacy



**Original Color**  
4017998

**Protanopia**  
5065548

**Deuteranopia**  
5327183



**Tritanopia**  
4083284

# Trichromacy



**Original Color**

4017998

**Protanomaly**

4672589

**Deuteranomaly**

4868943

**Tritanomaly**

4083282

# Monochromacy



**Original Color**

4017998

**Achromatopsia**

4868682

**Achromatomaly**

4541515

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4017998 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 #3D4F4E looks like.

```
.text, #text, p{  
  color:#3D4F4E  
}
```

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 #3D4F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4F4E
}
```

## Border

The CSS property to change the border of an element to Decimal 4017998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

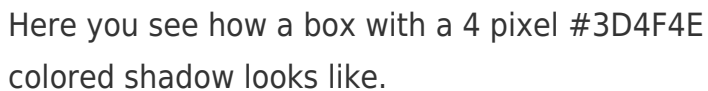
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4F4E }
```

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

```
.border{ border-color:#3D4F4E }
```

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



Here you see how a box with a 4 pixel #3D4F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4F4E; -webkit-box-shadow:4px 4px  
4px 4px #3D4F4E; box-shadow:4px 4px 4px  
4px #3D4F4E }
```

# Background

The CSS property to change the background color of an element to Decimal 4017998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4F4E }
```

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

```
.background{ background-color:#3D4F4E }
```

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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