

# Converting Colors

Decimal(4147521)

Have a look what the booklet for  
Decimal(4147521) contains.

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# Color

**Decimal(4147521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4941
RGB	63, 73, 65
RGB Percent	25%, 29%, 25%
CMY	0.7529, 0.7137, 0.7451
CMYK	0.14, 0.00, 0.11, 0.71
HSL	132°, 7%, 27%
HSV	132°, 14%, 29%
XYZ	5.3866, 6.2035, 5.9145
YIQ	69.0980, -3.3920, -4.6080

# Conversions

## Conversions Part 2

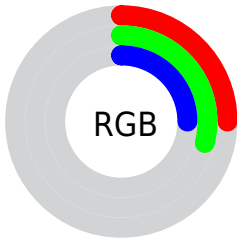
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 71, 73
Decimal	4147521
CIELab	29.92, -5.88, 3.43
CIELCh	30, 6.803, 149.737
Yxy	6.2035, 0.3077, 0.3544
Android (android.graphics.Color)	4282337601 (0xFF3F4941)
YUV	69.0980, -2.0203, -5.3479
Hunter-Lab	24.9068, -4.9829, 3.3554

# Details

The Decimal color **4147521** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4800327**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **7305841**, and **1383703** is the 20% darker color. If you saturate the color by 10%, you get **3688763**, and if you desaturate by 10%, it is **4606279**.

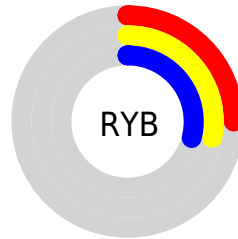
# Distribution



Red (25%)

Green (29%)

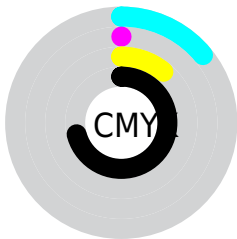
Blue (25%)



Red (25%)

Yellow (28%)

Blue (29%)

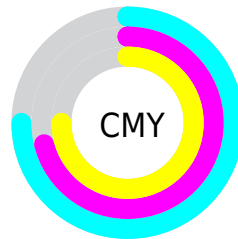


Cyan (14%)

Magenta (0%)

Yellow (11%)

Black (71%)



Cyan (75%)

Magenta (71%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4147521 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 4147521 by changing the saturation by 10% instead.





4147521



4147521

16777215



2699819



7305841



1383703



8950666



0



10661540



12437952



14280155



16187384



4147521



4147521



3688763



4606279

■ 3164469

■ 5130573

■ 2705711

■ 5589331

■ 2246954

■ 6048088

■ 1722660

■ 6572382

■ 1263902

■ 7031140

■ 805144

■ 7489898

■ 346386

■ 7948656

■ 18703

■ 8472950

# Harmonies

## Analogous

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



4540477



4147521



3885638

# Triad

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



4147521



4278097



5391169

# Complementary

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



4147521



4800327

# 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.



5325639



4147521



4670800

# Square

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



4147521



3885135



5063756



5194814

# Rectangle

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



4147521



3754570



5063756



5391171



# Sweetspot

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



4147521



5987931



4671807



3026991



11579568



3158064



# Same Dimension

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



4147521



5201490



4147526



2106401



25364



58157



# Inverse Universe

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



4800327



6180699



4800322



2367523



6488144



14876854



# Previews

## White Background



This preview shows how the Decimal color 4147521 looks on a white background.

## Color Contrast Check

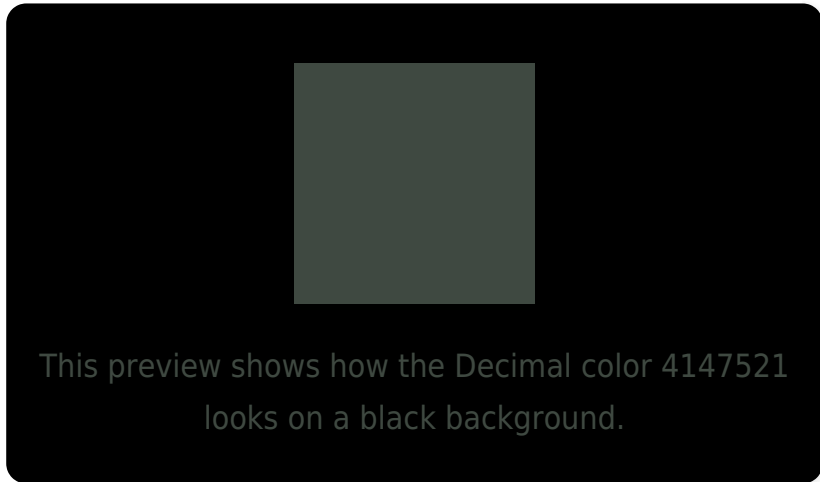
Large Text (above 18pt) WCAG AA ✓ Pass

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

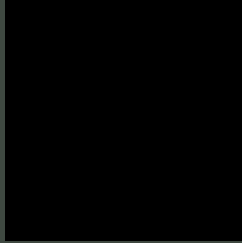
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4147521 Background



This preview shows how black text looks on a background with the Decimal color 4147521.



This preview shows how white text looks on a background with the Decimal color 4147521.

# 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**

4147521

**Protanopia**

4802111

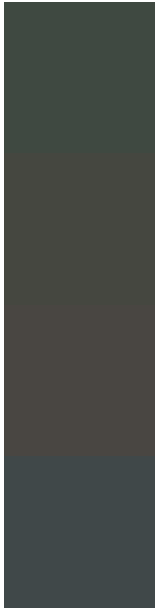
**Deuteranopia**

5194818



**Tritanopia**  
4278093

# Trichromacy



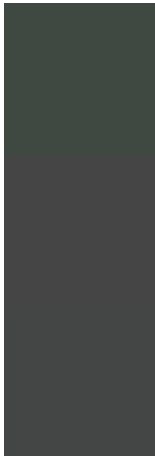
**Original Color**  
4147521

**Protanomaly**  
4540224

**Deuteranomaly**  
4802114

**Tritanomaly**  
4212809

# Monochromacy



**Original Color**  
4147521

**Achromatopsia**  
4539717

**Achromatomaly**  
4408900

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4147521 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 #3F4941 looks like.

```
.text, #text, p{  
  color:#3F4941  
}
```

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 #3F4941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4941
}
```

## Border

The CSS property to change the border of an element to Decimal 4147521 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
#3F4941 }
```

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

```
.border{ border-color:#3F4941 }
```

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

Here you see how a box with a 4 pixel #3F4941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4941; -webkit-box-shadow:4px 4px  
4px 4px #3F4941; box-shadow:4px 4px 4px  
4px #3F4941 }
```

# Background

The CSS property to change the background color of an element to Decimal 4147521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4941 }
```

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

```
.background{ background-color:#3F4941 }
```

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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