

# Converting Colors

Decimal(4142147)

Have a look what the booklet for  
Decimal(4142147) contains.

<b>Decimal(4142147)</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(4142147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F3443
RGB	63, 52, 67
RGB Percent	25%, 20%, 26%
CMY	0.7529, 0.7961, 0.7373
CMYK	0.06, 0.22, 0.00, 0.74
HSL	284°, 13%, 23%
HSV	284°, 22%, 26%
XYZ	4.2910, 3.9180, 5.8403
YIQ	56.9990, 1.7410, 6.9970

# Conversions

## Conversions Part 2

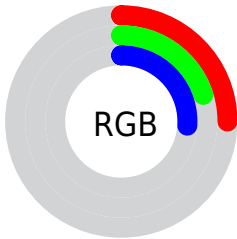
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 52, 67
Decimal	4142147
CIELab	23.40, 8.22, -7.50
CIELCh	23, 11.123, 317.618
Yxy	3.9180, 0.3054, 0.2789
Android (android.graphics.Color)	4282332227 (0xFF3F3443)
YUV	56.9990, 4.9305, 5.2629
Hunter-Lab	19.7939, 4.0566, -3.6380




# Details

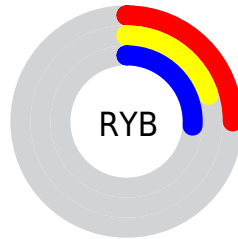
The Decimal color **4142147** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3687220**, and the grayscale version is **3750201**.




A 20% lighter version of the original color is **7299699**, and **1378072** is the 20% darker color. If you saturate the color by 10%, you get **4009283**, and if you desaturate by 10%, it is **4275011**.

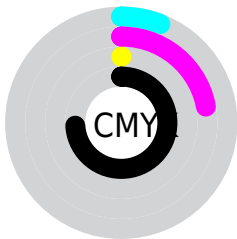
# Distribution







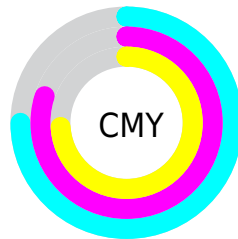
-  Red (25%)
-  Green (20%)
-  Blue (26%)






-  Red (25%)
-  Yellow (20%)
-  Blue (26%)



-  Cyan (6%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (75%)
-  Magenta (80%)
-  Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4142147 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 4142147 by changing the saturation by 10% instead.





4142147



4142147

16777215



2694957



7299699



1378072



8944525



0



10655143



12431554



14273502



16181243



4142147



4142147



4009283



4275011

■ 3876675

■ 4407619

■ 3809347

■ 4474947

■ 3676483

■ 4607811

■ 3543875

■ 4740675

■ 3411011

■ 4873283

■ 3278147

■ 5006147

■ 3211331

■ 5073475

■ 5206083

# Harmonies

## Analogous

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



3422023



4142147



4600380

# Triad

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



4142147



4273704



2112572

# Complementary

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



4142147



3687220

# 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.



2505780



4142147



3750184

# Square

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



4142147



4666156



3095340



2178116

# Rectangle

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



4142147



4731446



3095340



2243642



# Sweetspot

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



4142147



5591383



3422275



2762795



11250603



2829099



# Same Dimension

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



4142147



5259095



4404288



2104865



4653153



10813664



# Inverse Universe

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



4404280



5717830



3425080



2170399



6357018



14680124



# Previews

## White Background



This preview shows how the Decimal color 4142147 looks on a white background.

## Color Contrast Check

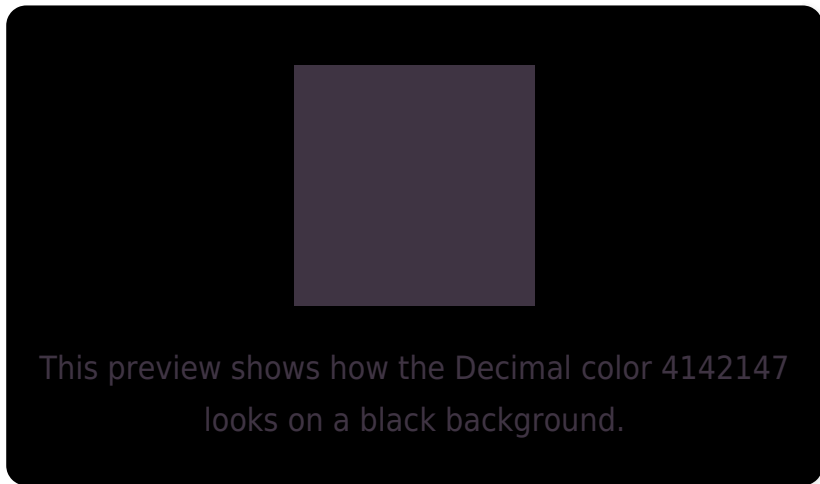
Large Text (above 18pt) WCAG AA ✓ Pass

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

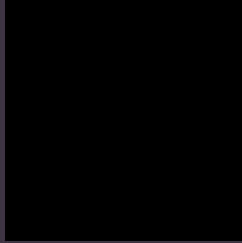
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4142147 Background



This preview shows how black text looks on a background with the Decimal color 4142147.

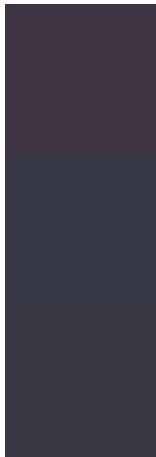


This preview shows how white text looks on a background with the Decimal color 4142147.

# 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**  
4142147

**Protanopia**  
3487557

**Deuteranopia**  
3684163



**Tritanopia**  
4077114

# Trichromacy



**Original Color**

4142147

**Protanomaly**

3749444

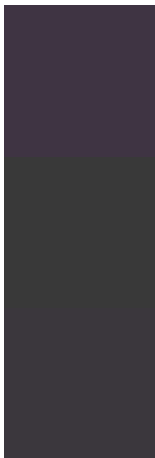
**Deuteranomaly**

3880515

**Tritanomaly**

4076861

# Monochromacy



**Original Color**

4142147

**Achromatopsia**

3750201

**Achromatomaly**

3880765

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4142147 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 #3F3443 looks like.

```
.text, #text, p{  
    color:#3F3443  
}
```

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 #3F3443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3443
}
```

## Border

The CSS property to change the border of an element to Decimal 4142147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

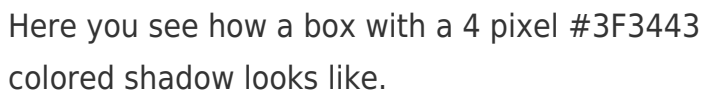
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F3443 }
```

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

```
.border{ border-color:#3F3443 }
```

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



Here you see how a box with a 4 pixel #3F3443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3443; -webkit-box-shadow:4px 4px  
4px 4px #3F3443; box-shadow:4px 4px 4px  
4px #3F3443 }
```

# Background

The CSS property to change the background color of an element to Decimal 4142147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3443 }
```

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

```
.background{ background-color:#3F3443 }
```

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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