

Converting Colors

Decimal(4138047)

Have a look what the booklet for
Decimal(4138047) contains.

Decimal(4138047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4138047)

Conversions

Conversions Part 1

Format	Color
Hex	3F243F
RGB	63, 36, 63
RGB Percent	25%, 14%, 25%
CMY	0.7529, 0.8588, 0.7529
CMYK	0.00, 0.43, 0.00, 0.75
HSL	300°, 27%, 19%
HSV	300°, 43%, 25%
XYZ	3.5780, 2.6774, 5.0308
YIQ	47.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

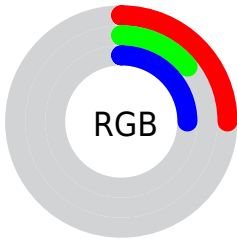
Format	Color
RYB	63, 36, 63
Decimal	4138047
CIELab	18.70, 17.99, -11.93
CIElCh	19, 21.591, 326.443
Yxy	2.6774, 0.3170, 0.2372
Android (android.graphics.Color)	4282328127 (0xFF3F243F)
YUV	47.1510, 7.8136, 13.8996
Hunter-Lab	16.3627, 10.3971, -6.7752

Details

The Decimal color **4138047** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2375460**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **7295343**, and **1245205** is the 20% darker color. If you saturate the color by 10%, you get **4136511**, and if you desaturate by 10%, it is **4139583**.

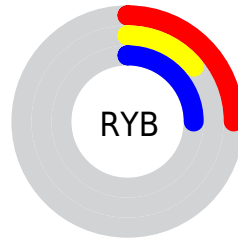
Distribution



Red (25%)

Green (14%)

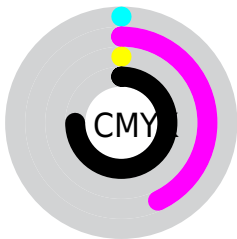
Blue (25%)



Red (25%)

Yellow (14%)

Blue (25%)

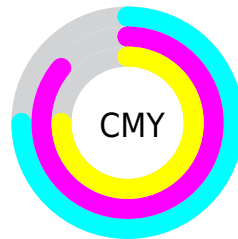


Cyan (0%)

Magenta (43%)

Yellow (0%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4138047 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 4138047 by changing the saturation by 10% instead.

■ 4138047

■ 4138047

16777215

■ 2625321

■ 7295343

■ 1245205

■ 9005704

■ 0

■ 10716066

■ 12557757

■ 14399705

■ 16241910

■ 16773375

■ 4138047

■ 4138047

■ 4136511

■ 4139583

■ 4134719

■ 4141375

■ 4133183

■ 4142911

■ 4131647

■ 4144447

■ 4129855

■ 4146239

■ 4128831

■ 4147775

■ 4149311

■ 4150847

■ 4152639

Harmonies

Analogous

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



2828874



4138047



4792368

Triad

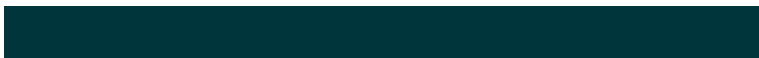
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4138047



3681293



13627

Complementary

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



4138047



2375460

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.



13611



4138047



2699536

Square

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



4138047



4466196



1389596



13127

Rectangle

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



4138047



4923429



1389596



13622

Sweetspot

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



4138047



5392210



2368575



2695721



11053224



2697513

Same Dimension

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



4138047



5384274



4138034



2038815



6160478



14549214

Inverse Universe

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



4138047



5384274



2375474



2038815



6160478



14549214

Previews

White Background



This preview shows how the Decimal color 4138047 looks on a white background.

Color Contrast Check

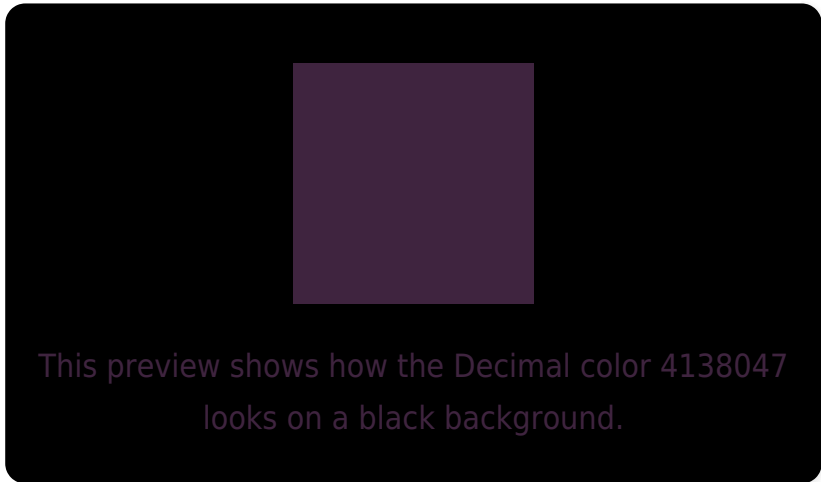
Large Text (above 18pt) WCAG AA ✓ Pass

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

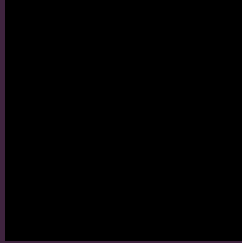
Any Text WCAG AA × Fail

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 4138047 Background



This preview shows how black text looks on a background with the Decimal color 4138047.



This preview shows how white text looks on a background with the Decimal color 4138047.

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
4138047

Protanopia
2436422

Deuteranopia
2764093



Tritanopia
4007979

Trichromacy



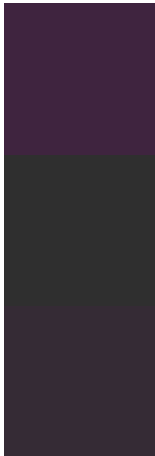
Original Color
4138047

Protanomaly
3025475

Deuteranomaly
3287614

Tritanomaly
4073266

Monochromacy



Original Color
4138047

Achromatopsia
3092271

Achromatomaly
3484469

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4138047 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 #3F243F looks like.

```
.text, #text, p{  
    color:#3F243F  
}
```

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 #3F243F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F243F
}
```

Border

The CSS property to change the border of an element to Decimal 4138047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

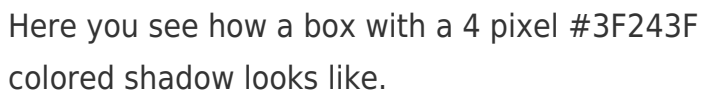
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F243F }
```

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

```
.border{ border-color:#3F243F }
```

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



Here you see how a box with a 4 pixel #3F243F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F243F; -webkit-box-shadow:4px 4px  
4px 4px #3F243F; box-shadow:4px 4px 4px  
4px #3F243F }
```

Background

The CSS property to change the background color of an element to Decimal 4138047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F243F }
```

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

```
.background{ background-color:#3F243F }
```

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