

Converting Colors

Decimal(4137018)

Have a look what the booklet for
Decimal(4137018) contains.

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Color

Decimal(4137018)

Conversions

Conversions Part 1

Format	Color
Hex	3F203A
RGB	63, 32, 58
RGB Percent	25%, 13%, 23%
CMY	0.7529, 0.8745, 0.7725
CMYK	0.00, 0.49, 0.08, 0.75
HSL	310°, 33%, 19%
HSV	310°, 49%, 25%
XYZ	3.3301, 2.3953, 4.2898
YIQ	44.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

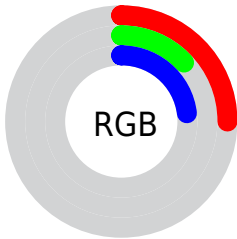
Format	Color
RYB	63, 32, 58
Decimal	4137018
CIELab	17.44, 19.48, -10.40
CIELCh	17, 22.084, 331.898
Yxy	2.3953, 0.3325, 0.2392
Android (android.graphics.Color)	4282327098 (0xFF3F203A)
YUV	44.2330, 6.7871, 16.4587
Hunter-Lab	15.4767, 11.3239, -5.6003

Details

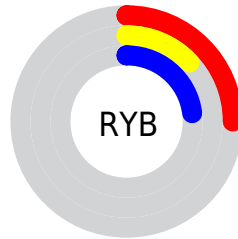
The Decimal color **4137018** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2113317**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **7359849**, and **983054** is the 20% darker color. If you saturate the color by 10%, you get **4135481**, and if you desaturate by 10%, it is **4138555**.

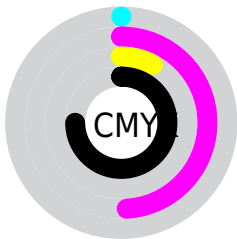
Distribution



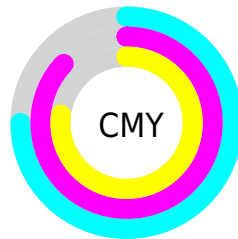
- Red (25%)
- Green (13%)
- Blue (23%)



- Red (25%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (49%)
- Yellow (8%)
- Black (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4137018 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 4137018 by changing the saturation by 10% instead.

■ 4137018

■ 4137018

16777215

■ 2624292

■ 7359849

■ 983054

■ 9004418

■ 0

■ 10780572

■ 12556727

■ 14398675

■ 16306159

■ 16772351

■ 4137018

■ 4137018

■ 4135481

■ 4138555

■ 4133688

■ 4140348

■ 4132151

■ 4141885

■ 4130614

■ 4143422

■ 4128821

■ 4145215

■ 4146752

■ 4148289

■ 4149826

■ 4151619

Harmonies

Analogous

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



2958918



4137018



4660522

Triad

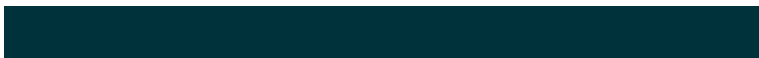
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4137018



3353095



12859

Complementary

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



4137018



2113317

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.



13099



4137018



2305806

Square

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



4137018



4137998



799003



12359

Rectangle

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



4137018



4726304



799003



13110

Sweetspot

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



4137018



5391696



2433087



2695464



11053224



2697513

Same Dimension

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



4137018



5382474



4137003



2038814



6160463



14549178

Inverse Universe

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



4137018



5382474



2113332



2038814



6160463



14549178

Previews

White Background



This preview shows how the Decimal color 4137018 looks on a white background.

Color Contrast Check

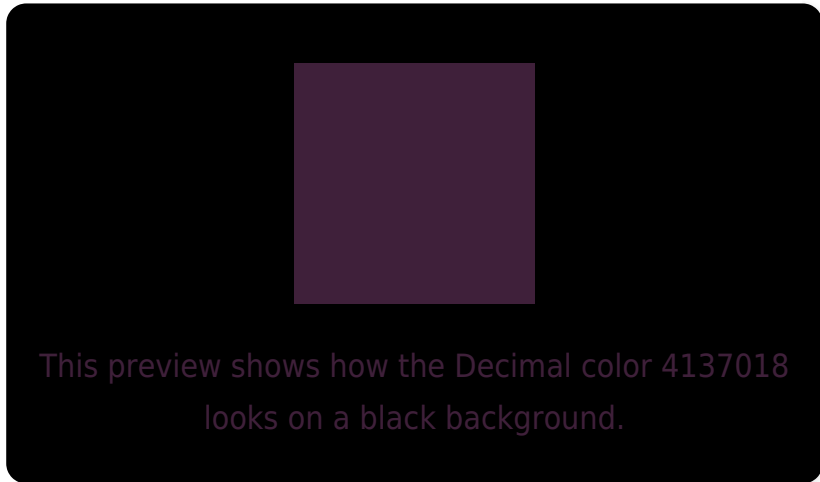
Large Text (above 18pt) WCAG AA ✓ Pass

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

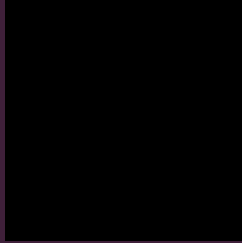
Any Text WCAG AA × Fail

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 4137018 Background



This preview shows how black text looks on a background with the Decimal color 4137018.



This preview shows how white text looks on a background with the Decimal color 4137018.

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](#).

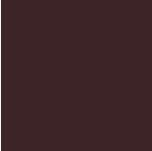
Dichromacy



Original Color
4137018

Protanopia
2304834

Deuteranopia
2698040



Tritanopia
4006951

Trichromacy



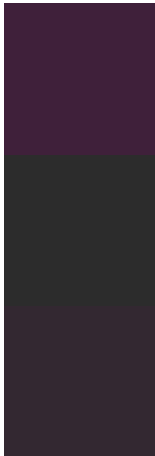
Original Color
4137018

Protanomaly
2959167

Deuteranomaly
3221305

Tritanomaly
4072238

Monochromacy



Original Color
4137018

Achromatopsia
2894892

Achromatomaly
3352625

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4137018 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 #3F203A looks like.

```
.text, #text, p{  
    color:#3F203A  
}
```

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 #3F203A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F203A
}
```

Border

The CSS property to change the border of an element to Decimal 4137018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

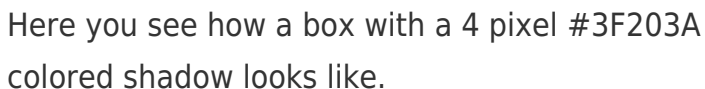
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F203A }
```

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

```
.border{ border-color:#3F203A }
```

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



Here you see how a box with a 4 pixel #3F203A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F203A; -webkit-box-shadow:4px 4px  
4px 4px #3F203A; box-shadow:4px 4px 4px  
4px #3F203A }
```

Background

The CSS property to change the background color of an element to Decimal 4137018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F203A }
```

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

```
.background{ background-color:#3F203A }
```

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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