

Converting Colors

Decimal(4012887)

Have a look what the booklet for
Decimal(4012887) contains.

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Color

Decimal(4012887)

Conversions

Conversions Part 1

Format	Color
Hex	3D3B57
RGB	61, 59, 87
RGB Percent	24%, 23%, 34%
CMY	0.7608, 0.7686, 0.6588
CMYK	0.30, 0.32, 0.00, 0.66
HSL	244°, 19%, 29%
HSV	244°, 32%, 34%
XYZ	5.2087, 4.8081, 9.6704
YIQ	62.7900, -7.7960, 9.1320

Conversions

Conversions Part 2

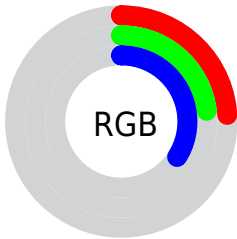
Format	Color
RYB	61, 59, 87
Decimal	4012887
CIELab	26.18, 8.10, -16.51
CIElCh	26, 18.389, 296.149
Yxy	4.8081, 0.2646, 0.2442
Android (android.graphics.Color)	4282202967 (0xFF3D3B57)
YUV	62.7900, 11.9355, -1.5698
Hunter-Lab	21.9275, 4.0284, -10.7986

Details

The Decimal color **4012887** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5592891**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **7170697**, and **1184042** is the 20% darker color. If you saturate the color by 10%, you get **3486295**, and if you desaturate by 10%, it is **4539479**.

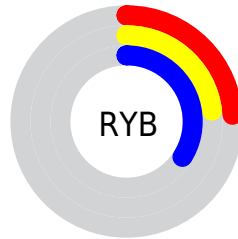
Distribution



Red (24%)

Green (23%)

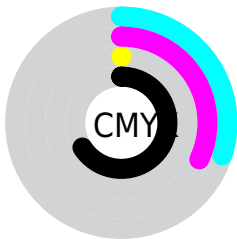
Blue (34%)



Red (24%)

Yellow (23%)

Blue (34%)

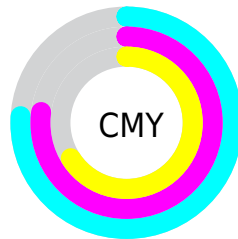


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (66%)



Cyan (76%)

Magenta (77%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4012887 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 4012887 by changing the saturation by 10% instead.

■ 4012887

■ 4012887

16777215

■ 2565440

■ 7170697

■ 1184042

■ 8881059

■ 277

■ 10591678

■ 0

■ 12368090

■ 14210295

■ 16118015

■ 4012887

■ 4012887

■ 3486295

■ 4539479

■ 2959959

■ 5065815

■ 2433367

■ 5592407

■ 1906775

■ 6118999

■ 1380439

■ 6645591

■ 853847

■ 7171927

■ 393303

■ 7764055

■ 8290647

■ 8816983

Harmonies

Analogous

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



2572378



4012887



5125710

Triad

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



4012887



5519399



1590588

Complementary

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



4012887



5592891

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.



2769966



4012887



4799522

Square

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



4012887



5846066



3883300



345418

Rectangle

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



4012887



5583941



3883300



1983799

Sweetspot

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



4012887



6710640



3888471



3289400



12105912



3684408

Same Dimension

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



4012887



4736112



4930391



2565931



524395



1114347

Inverse Universe

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



5716821



7357549



4675387



2828075



7012451



15401178

Previews

White Background



This preview shows how the Decimal color 4012887 looks on a white background.

Color Contrast Check

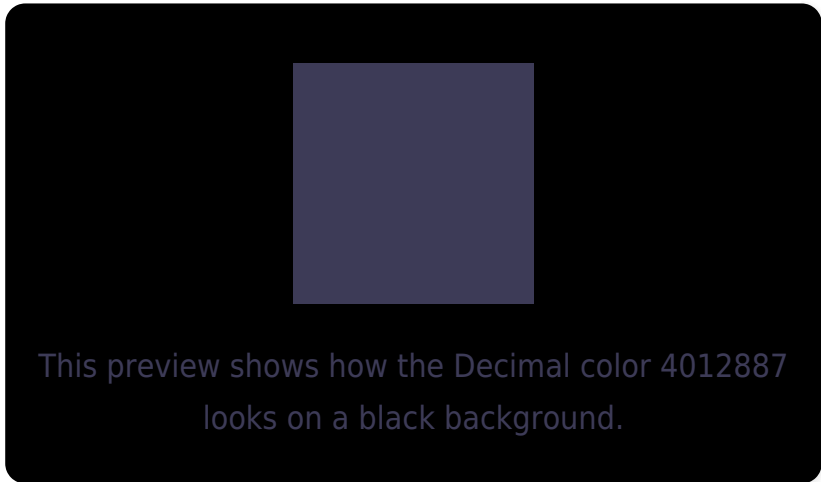
Large Text (above 18pt) WCAG AA ✓ Pass

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

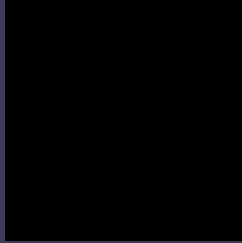
Any Text WCAG AA × Fail

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 4012887 Background



This preview shows how black text looks on a background with the Decimal color 4012887.

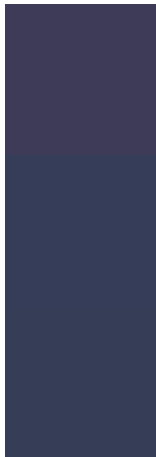


This preview shows how white text looks on a background with the Decimal color 4012887.

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](#).

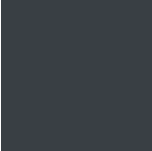
Dichromacy



Original Color
4012887

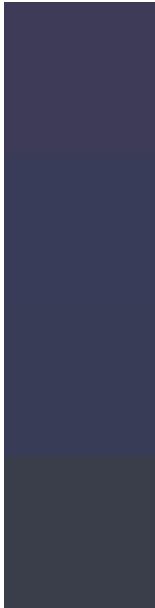
Protanopia
3489113

Deuteranopia
3554647



Tritanopia
3751748

Trichromacy



Original Color

4012887

Protanomaly

3685464

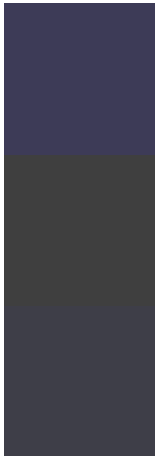
Deuteranomaly

3750999

Tritanomaly

3817035

Monochromacy



Original Color

4012887

Achromatopsia

4144959

Achromatomaly

4079176

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4012887 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 #3D3B57 looks like.

```
.text, #text, p{  
    color:#3D3B57  
}
```

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 #3D3B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3B57
}
```

Border

The CSS property to change the border of an element to Decimal 4012887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

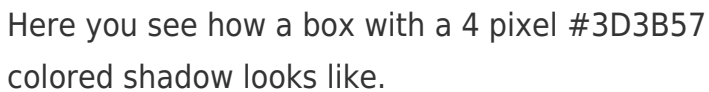
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3B57 }
```

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

```
.border{ border-color:#3D3B57 }
```

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



Here you see how a box with a 4 pixel #3D3B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3B57; -webkit-box-shadow:4px 4px  
4px 4px #3D3B57; box-shadow:4px 4px 4px  
4px #3D3B57 }
```

Background

The CSS property to change the background color of an element to Decimal 4012887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3B57 }
```

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

```
.background{ background-color:#3D3B57 }
```

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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