

# Converting Colors

Decimal(3812949)

Have a look what the booklet for  
Decimal(3812949) contains.

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# Color

**Decimal(3812949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A2E55
RGB	58, 46, 85
RGB Percent	23%, 18%, 33%
CMY	0.7725, 0.8196, 0.6667
CMYK	0.32, 0.46, 0.00, 0.67
HSL	258°, 30%, 26%
HSV	258°, 46%, 33%
XYZ	4.3616, 3.5094, 9.0418
YIQ	54.0340, -5.3670, 14.6730

# Conversions

## Conversions Part 2

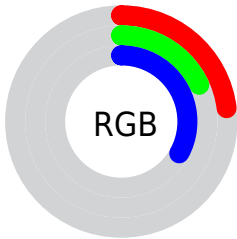
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 46, 85
Decimal	3812949
CIE Lab	21.98, 15.31, -21.78
CIE LCh	22, 26.619, 305.107
Yxy	3.5094, 0.2579, 0.2075
Android (android.graphics.Color)	4282003029 (0xFF3A2E55)
YUV	54.0340, 15.2662, 3.4782
Hunter-Lab	18.7334, 8.7758, -15.5034

# Details

The Decimal color **3812949** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4805934**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **6970503**, and **1114152** is the 20% darker color. If you saturate the color by 10%, you get **3417429**, and if you desaturate by 10%, it is **4208213**.

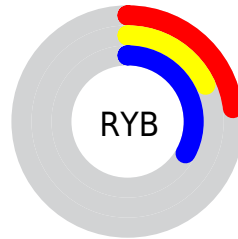
# Distribution



 Red (23%)

 Green (18%)

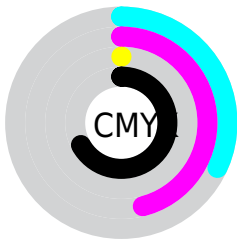
 Blue (33%)



 Red (23%)

 Yellow (18%)

 Blue (33%)

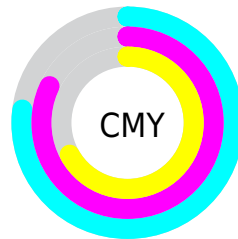


 Cyan (32%)

 Magenta (46%)

 Yellow (0%)

 Black (67%)



 Cyan (77%)

 Magenta (82%)

 Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3812949 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 3812949 by changing the saturation by 10% instead.



■ 3812949

■ 3812949

16777215

■ 2300222

■ 6970503

■ 1114152

■ 8680865

■ 274

■ 10391228

■ 0

■ 12233176

■ 14009589

■ 15917311

■ 16776703

■ 3812949

■ 3812949

■ 3417429

■ 4208213

■ 3022165

■ 4603733

■ 2626645

■ 4998997

■ 2231381

■ 5394517

■ 1901653

■ 5724245

■ 1704021

■ 6119765

■ 6515029

■ 6910549

■ 7305813

# Harmonies

## Analogous

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



1193564



3812949



5187142

# Triad

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



3812949



4992528



15927

# Complementary

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



3812949



4805934

# 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.



474403



3812949



3945738

# Square

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



3812949



5711391



2636306



15947

# Rectangle

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



3812949



5710649



2636306



15921



# Sweetspot

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



3812949



6512238



3033429



3223352



12105912



3684408



# Same Dimension

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



3812949



4469102



5058133



2631467



2162795



4718827



# Inverse Universe

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



5582409



7221595



3560750



2828074



7012426



15401122



# Previews

## White Background



This preview shows how the Decimal color 3812949 looks on a white background.

## Color Contrast Check

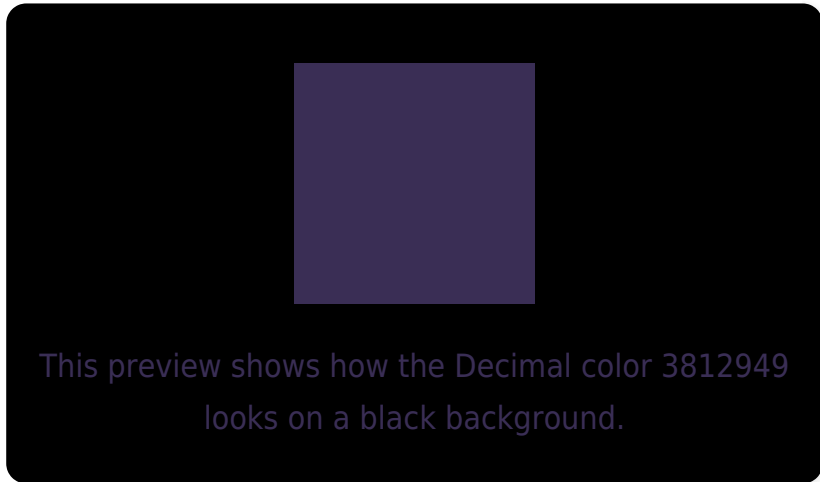
Large Text (above 18pt) WCAG AA ✓ Pass

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

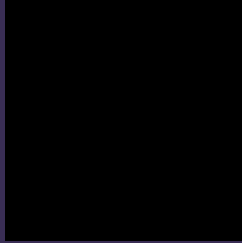
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3812949 Background



This preview shows how black text looks on a background with the Decimal color 3812949.



This preview shows how white text looks on a background with the Decimal color 3812949.

# 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](#).

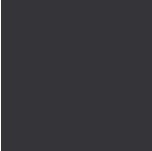
## Dichromacy



**Original Color**  
3812949

**Protanopia**  
2372698

**Deuteranopia**  
2372948



**Tritanopia**  
3421241

# Trichromacy



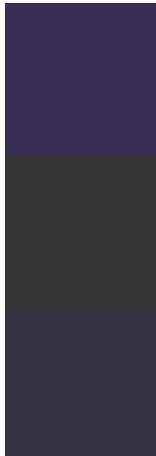
**Original Color**  
3812949

**Protanomaly**  
2896472

**Deuteranomaly**  
2896468

**Tritanomaly**  
3551811

# Monochromacy



**Original Color**  
3812949

**Achromatopsia**  
3552822

**Achromatomaly**  
3617601

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3812949 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 #3A2E55 looks like.

```
.text, #text, p{  
  color:#3A2E55  
}
```

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 #3A2E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2E55
}
```

## Border

The CSS property to change the border of an element to Decimal 3812949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

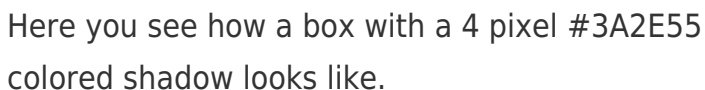
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2E55 }
```

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

```
.border{ border-color:#3A2E55 }
```

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



Here you see how a box with a 4 pixel #3A2E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2E55; -webkit-box-shadow:4px 4px  
4px 4px #3A2E55; box-shadow:4px 4px 4px  
4px #3A2E55 }
```

# Background

The CSS property to change the background color of an element to Decimal 3812949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2E55 }
```

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

```
.background{ background-color:#3A2E55 }
```

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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