

Converting Colors

Decimal(3419737)

Have a look what the booklet for
Decimal(3419737) contains.

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Color

Decimal(3419737)

Conversions

Conversions Part 1

Format	Color
Hex	342E59
RGB	52, 46, 89
RGB Percent	20%, 18%, 35%
CMY	0.7961, 0.8196, 0.6510
CMYK	0.42, 0.48, 0.00, 0.65
HSL	248°, 32%, 26%
HSV	248°, 48%, 35%
XYZ	4.1963, 3.4053, 9.8873
YIQ	52.6960, -10.2270, 14.6450

Conversions

Conversions Part 2

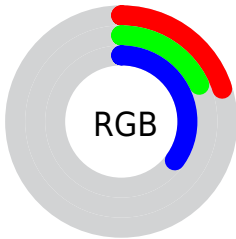
Format	Color
R_{YB}	52, 46, 89
Decimal	3419737
CIE _{Lab}	21.60, 14.65, -25.07
CIE _{LCh}	22, 29.037, 300.306
Yxy	3.4053, 0.2399, 0.1947
Android (android.graphics.Color)	4281609817 (0xFF342E59)
YUV	52.6960, 17.8979, -0.6104
Hunter-Lab	18.4535, 8.2973, -18.8499

Details

The Decimal color **3419737** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5462318**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **6642827**, and **589867** is the 20% darker color. If you saturate the color by 10%, you get **2893145**, and if you desaturate by 10%, it is **3946329**.

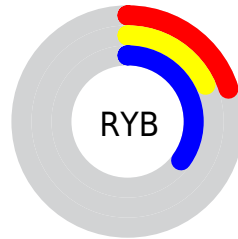
Distribution



Red (20%)

Green (18%)

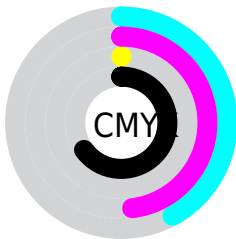
Blue (35%)



Red (20%)

Yellow (18%)

Blue (35%)

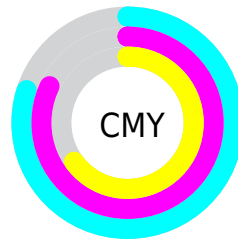


Cyan (42%)

Magenta (48%)

Yellow (0%)

Black (65%)



Cyan (80%)

Magenta (82%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3419737 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 3419737 by changing the saturation by 10% instead.

■ 3419737

■ 3419737

16777215

■ 1907009

■ 6642827

■ 589867

■ 8287398

■ 278

■ 10063553

■ 0

■ 11839709

■ 13616378

■ 15524095

■ 16776447

■ 3419737

■ 3419737

■ 2893145

■ 3946329

■ 2432089

■ 4407385

■ 1905497

■ 4933977

■ 1378905

■ 5460569

■ 918105

■ 5921369

■ 786521

■ 6447961

■ 6974553

■ 7435609

■ 7962201

Harmonies

Analogous

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



13919



3419737



5121353

Triad

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



3419737



5188366



15923

Complementary

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



3419737



5462318

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.



474141



3419737



4141827

Square

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



3419737



5841439



2701579



15945

Rectangle

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



3419737



5709884



2701579



15916

Sweetspot

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



3419737



6644595



3035993



3289403



12237498



3881787

Same Dimension

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



3419737



3747955



4795993



2631467



983147



2162923

Inverse Universe

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



5844563



7549033



4086062



2828075



7012444



15401162

Previews

White Background



This preview shows how the Decimal color 3419737 looks on a white background.

Color Contrast Check

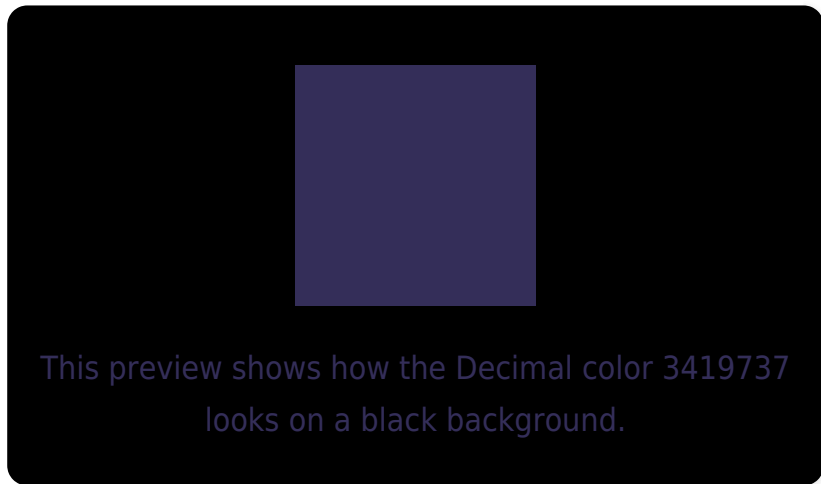
Large Text (above 18pt) WCAG AA ✓ Pass

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

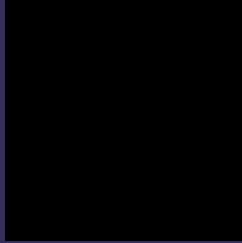
Any Text WCAG AA × Fail

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 3419737 Background



This preview shows how black text looks on a background with the Decimal color 3419737.



This preview shows how white text looks on a background with the Decimal color 3419737.

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

3419737

Protanopia

2044765

Deuteranopia

1782872



Tritanopia
2897210

Trichromacy



Original Color
3419737

Protanomaly
2568540

Deuteranomaly
2372184

Tritanomaly
3093061

Monochromacy



Original Color
3419737

Achromatopsia
3487029

Achromatomaly
3486274

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3419737 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 #342E59 looks like.

```
.text, #text, p{  
    color:#342E59  
}
```

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 #342E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342E59
}
```

Border

The CSS property to change the border of an element to Decimal 3419737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

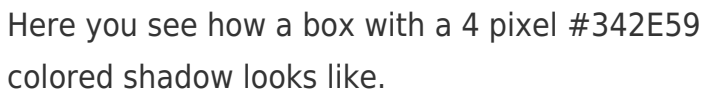
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342E59 }
```

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

```
.border{ border-color:#342E59 }
```

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



Here you see how a box with a 4 pixel #342E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342E59; -webkit-box-shadow:4px 4px  
4px 4px #342E59; box-shadow:4px 4px 4px  
4px #342E59 }
```

Background

The CSS property to change the background color of an element to Decimal 3419737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342E59 }
```

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

```
.background{ background-color:#342E59 }
```

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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