

Converting Colors

Decimal(3808636)

Have a look what the booklet for
Decimal(3808636) contains.

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Color

Decimal(3808636)

Conversions

Conversions Part 1

Format	Color
Hex	3A1D7C
RGB	58, 29, 124
RGB Percent	23%, 11%, 49%
CMY	0.7725, 0.8863, 0.5137
CMYK	0.53, 0.77, 0.00, 0.51
HSL	258°, 62%, 30%
HSV	258°, 77%, 49%
XYZ	5.8224, 3.2335, 19.3860
YIQ	48.5010, -13.2110, 35.6930

Conversions

Conversions Part 2

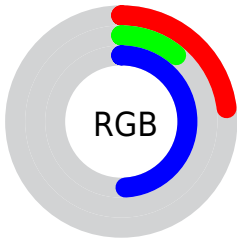
Format	Color
R_{YB}	58, 29, 124
Decimal	3808636
CIE _{Lab}	20.96, 37.81, -48.80
CIE _{LCh}	21, 61.731, 307.770
Yxy	3.2335, 0.2047, 0.1137
Android (android.graphics.Color)	4281998716 (0xFF3A1D7C)
YUV	48.5010, 37.2210, 8.3306
Hunter-Lab	17.9820, 26.3281, -51.3322

Details

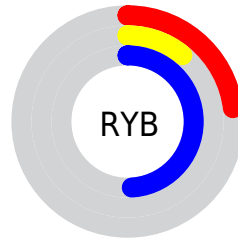
The Decimal color **3808636** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6257693**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **7359666**, and **74** is the 20% darker color. If you saturate the color by 10%, you get **3215740**, and if you desaturate by 10%, it is **4401532**.

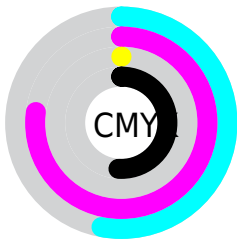
Distribution



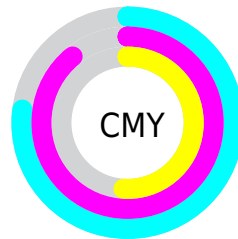
- Red (23%)
- Green (11%)
- Blue (49%)



- Red (23%)
- Yellow (11%)
- Blue (49%)



- Cyan (53%)
- Magenta (77%)
- Yellow (0%)
- Black (51%)



- Cyan (77%)
- Magenta (89%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3808636 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 3808636 by changing the saturation by 10% instead.

■ 3808636

■ 3808636

16777215

■ 1901922

■ 7359666

■ 74

■ 9201101

■ 1074

■ 10977002

■ 540

■ 12884479

■ 0

■ 14791935

■ 16699647

■ 16772351

■ 3808636

■ 3808636

■ 3215740

■ 4401532

■ 2688124

■ 4929148

■ 2490492

■ 5522044

■ 6049660

■ 6642556

■ 7235452

■ 7763068

■ 8355964

■ 8949116

Harmonies

Analogous

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



13967



3808636



7209046

Triad

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



3808636



5841408



17214

Complementary

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



3808636



6257693

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.



16651



3808636



3486976

Square

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



3808636



7536640



15872



17258

Rectangle

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



3808636



8060984



15872



16942

Sweetspot

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



3808636



8879265



1924988



4340562



13750737



5395026

Same Dimension

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



3808636



3804577



6888828



3749693



2490493



5046524

Inverse Universe

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



8133983



10554740



3177501



4011835



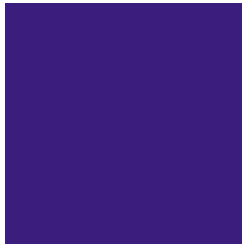
8192087



16515247

Previews

White Background



This preview shows how the Decimal color 3808636 looks on a white background.

Color Contrast Check

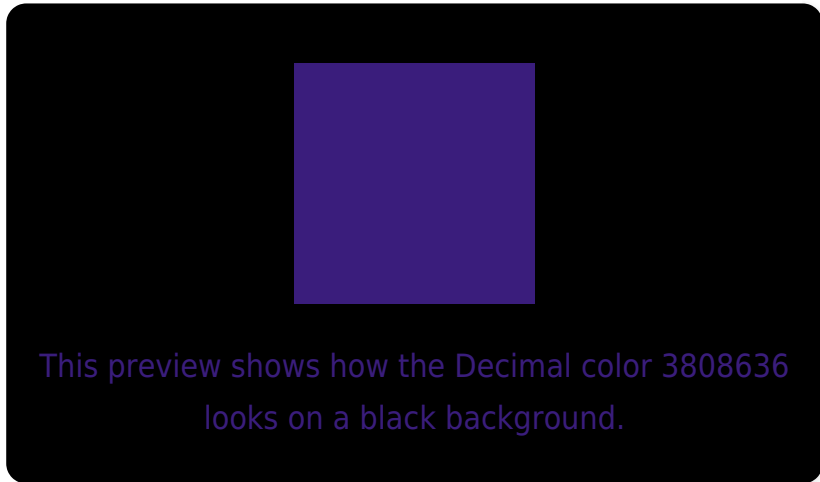
Large Text (above 18pt) WCAG AA ✓ Pass

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

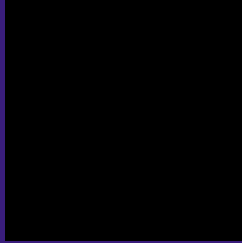
Any Text WCAG AA × Fail

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 3808636 Background



This preview shows how black text looks on a background with the Decimal color 3808636.



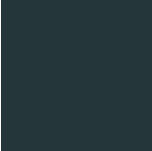
This preview shows how white text looks on a background with the Decimal color 3808636.

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





Tritanopia
2438714

Trichromacy



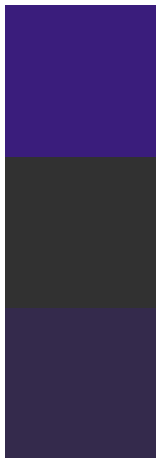
Original Color
3808636

Protanomaly
1387119

Deuteranomaly
1387622

Tritanomaly
2960722

Monochromacy



Original Color
3808636

Achromatopsia
3223857

Achromatomaly
3418700

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3808636 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 #3A1D7C looks like.

```
.text, #text, p{  
  color:#3A1D7C  
}
```

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 #3A1D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1D7C
}
```

Border

The CSS property to change the border of an element to Decimal 3808636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

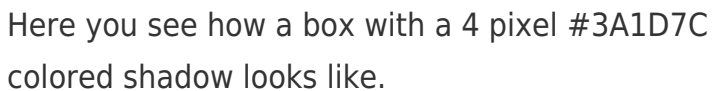
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A1D7C }
```

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

```
.border{ border-color:#3A1D7C }
```

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



Here you see how a box with a 4 pixel #3A1D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1D7C; -webkit-box-shadow:4px 4px  
4px 4px #3A1D7C; box-shadow:4px 4px 4px  
4px #3A1D7C }
```

Background

The CSS property to change the background color of an element to Decimal 3808636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1D7C }
```

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

```
.background{ background-color:#3A1D7C }
```

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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