

Converting Colors

Decimal(3801149)

Have a look what the booklet for
Decimal(3801149) contains.

Decimal(3801149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3801149)

Conversions

Conversions Part 1

Format	Color
Hex	3A003D
RGB	58, 0, 61
RGB Percent	23%, 0%, 24%
CMY	0.7725, 1.0000, 0.7608
CMYK	0.05, 1.00, 0.00, 0.76
HSL	297°, 100%, 12%
HSV	297°, 100%, 24%
XYZ	2.5872, 1.2365, 4.5172
YIQ	24.2960, 14.9870, 31.2670

Conversions

Conversions Part 2

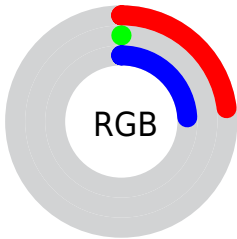
Format	Color
R _Y B	58, 0, 61
Decimal	3801149
CIE Lab	10.82, 34.79, -22.99
CIE LCh	11, 41.697, 326.543
Yxy	1.2365, 0.3102, 0.1482
Android (android.graphics.Color)	4281991229 (0xFF3A003D)
YUV	24.2960, 18.0951, 29.5584
Hunter-Lab	11.1196, 22.0726, -16.3019

Details

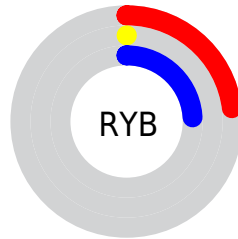
The Decimal color **3801149** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **212224**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **7090797**, and **272** is the 20% darker color. If you saturate the color by 10%, you get **3801149**, and if you desaturate by 10%, it is **3802685**.

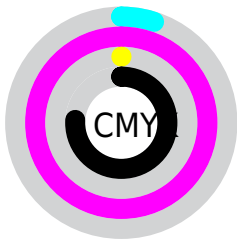
Distribution



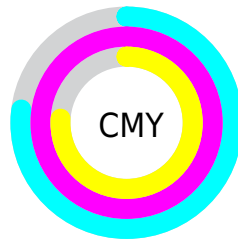
- Red (23%)
- Green (0%)
- Blue (24%)



- Red (23%)
- Yellow (0%)
- Blue (24%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)





- Cyan (77%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3801149 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 3801149 by changing the saturation by 10% instead.

 3801149


 3801149

 16772095

 2490407

 7090797

 272

 8800902

 0


 10576801

 12418492

 14260184

 16167924

 16764671

 3801149

■ 3802685

■ 3869757

■ 3871293

■ 3872829

■ 3874621

■ 3941693

■ 3943229

■ 3944765

■ 4011837

Harmonies

Analogous

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



202577



3801149



4849698

Triad

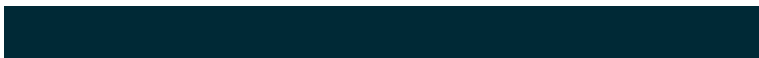
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3801149



2628352



10550

Complementary

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



3801149



212224

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.



10521



3801149



664320

Square

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



3801149



4000768



9984



10061

Rectangle

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



3801149



4980749



9984



10797

Sweetspot

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



3801149



5125967



829



2628137



11053224



2697513

Same Dimension

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



3801149



4915279



3997730



1973279



5898334



13828318

Inverse Universe

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



3997699



5177348



15643



2038812



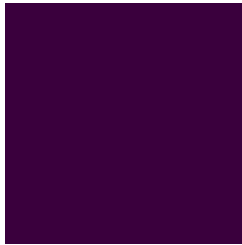
6160389



14549003

Previews

White Background



This preview shows how the Decimal color 3801149 looks on a white background.

Color Contrast Check

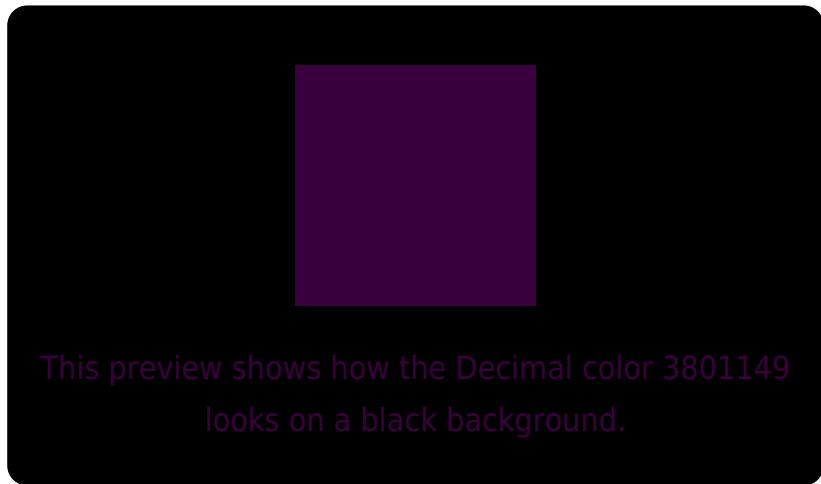
Large Text (above 18pt) WCAG AA ✓ Pass

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

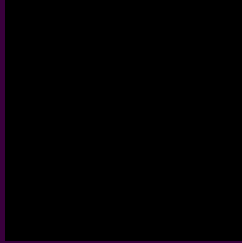
Any Text WCAG AA × Fail

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 3801149 Background



This preview shows how black text looks on a background with the Decimal color 3801149.



This preview shows how white text looks on a background with the Decimal color 3801149.

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](#).

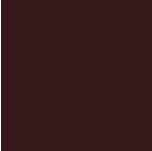
Dichromacy



Original Color
3801149

Protanopia
8517

Deuteranopia
1057337



Tritanopia
3545114

Trichromacy



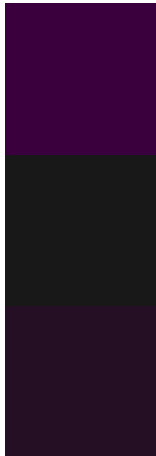
Original Color
3801149

Protanomaly
1381698

Deuteranomaly
2037306

Tritanomaly
3608359

Monochromacy



Original Color
3801149

Achromatopsia
1579032

Achromatomaly
2363173

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3801149 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 #3A003D looks like.

```
.text, #text, p{  
    color:#3A003D  
}
```

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 #3A003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A003D
}
```

Border

The CSS property to change the border of an element to Decimal 3801149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

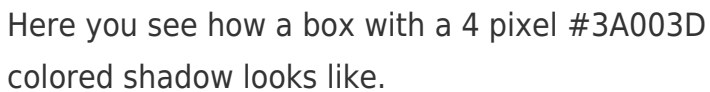
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A003D }
```

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

```
.border{ border-color:#3A003D }
```

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



Here you see how a box with a 4 pixel #3A003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A003D; -webkit-box-shadow:4px 4px  
4px 4px #3A003D; box-shadow:4px 4px 4px  
4px #3A003D }
```

Background

The CSS property to change the background color of an element to Decimal 3801149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A003D }
```

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

```
.background{ background-color:#3A003D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor