

Converting Colors

Decimal(3342477)

Have a look what the booklet for
Decimal(3342477) contains.

Decimal(3342477)	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(3342477)

Conversions

Conversions Part 1

Format	Color
Hex	33008D
RGB	51, 0, 141
RGB Percent	20%, 0%, 55%
CMY	0.8000, 1.0000, 0.4471
CMYK	0.64, 1.00, 0.00, 0.45
HSL	262°, 100%, 28%
HSV	262°, 100%, 55%
XYZ	6.1730, 2.6269, 25.3810
YIQ	31.3230, -14.8650, 54.6630

Conversions

Conversions Part 2

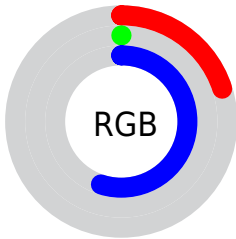
Format	Color
RYB	51, 0, 141
Decimal	3342477
CIELab	18.48, 52.35, -63.63
CIELCh	18, 82.398, 309.442
Yxy	2.6269, 0.1806, 0.0769
Android (android.graphics.Color)	4281532557 (0xFF33008D)
YUV	31.3230, 54.0708, 17.2567
Hunter-Lab	16.2077, 39.6211, -81.5018

Details

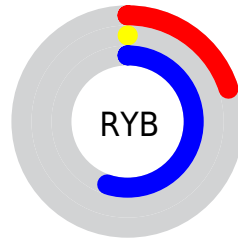
The Decimal color **3342477** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5934336**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **7289540**, and **89** is the 20% darker color. If you saturate the color by 10%, you get **3342477**, and if you desaturate by 10%, it is **3935885**.

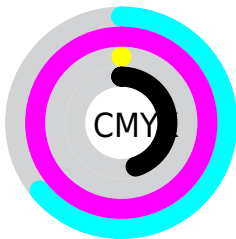
Distribution



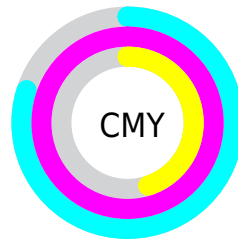
- Red (20%)
- Green (0%)
- Blue (55%)



- Red (20%)
- Yellow (0%)
- Blue (55%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3342477 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 3342477 by changing the saturation by 10% instead.

 3342477

 3342477

 16775423


 458867

 7289540

 89

 9196512

 1345

 11103742

 810

 13010943

 276

 14984191

 0

 16760575

 16767999

 3342477

■ 3935885

■ 4529293

■ 5122701

■ 5716109

■ 6309773

■ 6903181

■ 7496589

■ 8089997

■ 8683405

Harmonies

Analogous

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



13225



3342477



8061017

Triad

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



3342477



5772800



16448

Complementary

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



3342477



5934336

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.



15872



3342477



2568448

Square

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



3342477



7995392



14848



16762

Rectangle

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



3342477



8978482



14848



16171

Sweetspot

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



3342477



9732536



23693



4668252



14408667



6052956

Same Dimension

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



3342477



4325560



7864461



4407367



3211399



196616

Inverse Universe

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



9240666



12058741



1412352



4669509



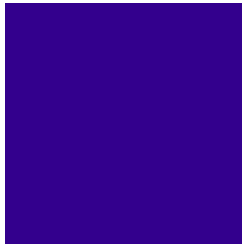
8847446



524293

Previews

White Background



This preview shows how the Decimal color 3342477 looks on a white background.

Color Contrast Check

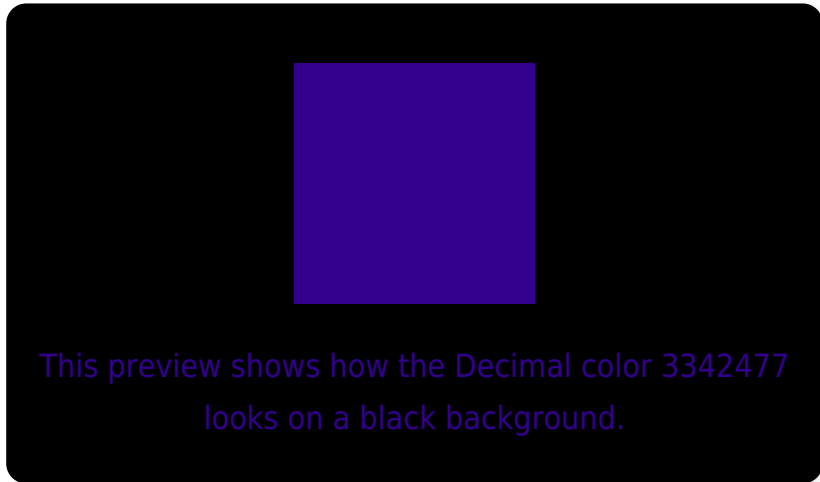
Large Text (above 18pt) WCAG AA ✓ Pass

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

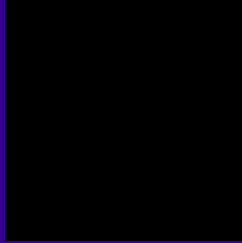
Any Text WCAG AA × Fail

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 3342477 Background



This preview shows how black text looks on a background with the Decimal color 3342477.



This preview shows how white text looks on a background with the Decimal color 3342477.

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
3342477

Protanopia
12130

Deuteranopia
12884

Trichromacy



Original Color
3342477

Protanomaly
1252978

Deuteranomaly
1253481

Tritanomaly
1253976

Monochromacy



Original Color
3342477

Achromatopsia
2039583

Achromatomaly
2495559

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3342477 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 #33008D looks like.

```
.text, #text, p{  
    color:#33008D  
}
```

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 #33008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33008D
}
```

Border

The CSS property to change the border of an element to Decimal 3342477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

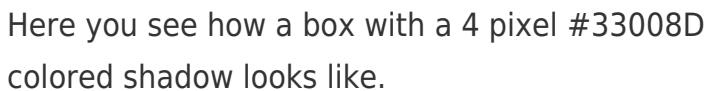
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33008D }
```

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

```
.border{ border-color:#33008D }
```

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



Here you see how a box with a 4 pixel #33008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33008D; -webkit-box-shadow:4px 4px  
4px 4px #33008D; box-shadow:4px 4px 4px  
4px #33008D }
```

Background

The CSS property to change the background color of an element to Decimal 3342477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33008D }
```

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

```
.background{ background-color:#33008D }
```

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