

Converting Colors

Decimal(4194375)

Have a look what the booklet for
Decimal(4194375) contains.

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Color

Decimal(4194375)

Conversions

Conversions Part 1

Format	Color
Hex	400047
RGB	64, 0, 71
RGB Percent	25%, 0%, 28%
CMY	0.7490, 1.0000, 0.7216
CMYK	0.10, 1.00, 0.00, 0.72
HSL	294°, 100%, 14%
HSV	294°, 100%, 28%
XYZ	3.2517, 1.5449, 6.0881
YIQ	27.2300, 15.3530, 35.6490

Conversions

Conversions Part 2

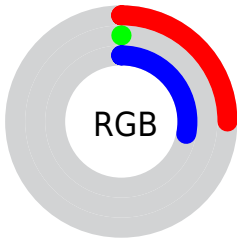
Format	Color
RYB	64, 0, 71
Decimal	4194375
CIELab	12.89, 37.79, -26.67
CIElCh	13, 46.248, 324.789
Yxy	1.5449, 0.2987, 0.1419
Android (android.graphics.Color)	4282384455 (0xFF400047)
YUV	27.2300, 21.5786, 32.2473
Hunter-Lab	12.4295, 24.9459, -20.3400

Details

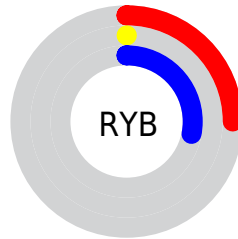
The Decimal color **4194375** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **476928**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **7550328**, and **131099** is the 20% darker color. If you saturate the color by 10%, you get **4194375**, and if you desaturate by 10%, it is **4261703**.

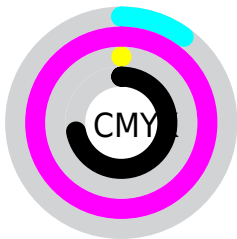
Distribution



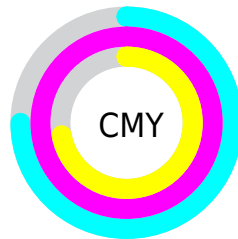
- Red (25%)
- Green (0%)
- Blue (28%)



- Red (25%)
- Yellow (0%)
- Blue (28%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (75%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4194375 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 4194375 by changing the saturation by 10% instead.

 4194375

 4194375

 16773119

 2752560

 7550328

 131099

 9260434

 0

 11036333

 12878024

 14785508

 16692991

 16765695

 4194375

■ 4261703

■ 4263495

■ 4330823

■ 4398151

■ 4400199

■ 4467527

■ 4534855

■ 4602183

■ 4603975

Harmonies

Analogous

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



7261



4194375



5505064

Triad

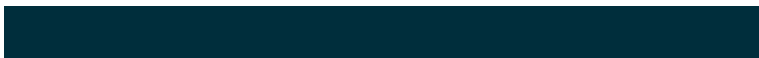
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4194375



3087872



11836

Complementary

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



4194375



476928

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.



11802



4194375



993024

Square

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



4194375



4590592



11264



11606

Rectangle

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



4194375



5636115



11264



11825

Sweetspot

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



4194375



5849180



1863



2891054



11382189



3026478

Same Dimension

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



4194375



5439580



4653099



2301988



5898339



13435107

Inverse Universe

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



4653063



6029321



18204



2367520



6488074



14876694

Previews

White Background



This preview shows how the Decimal color 4194375 looks on a white background.

Color Contrast Check

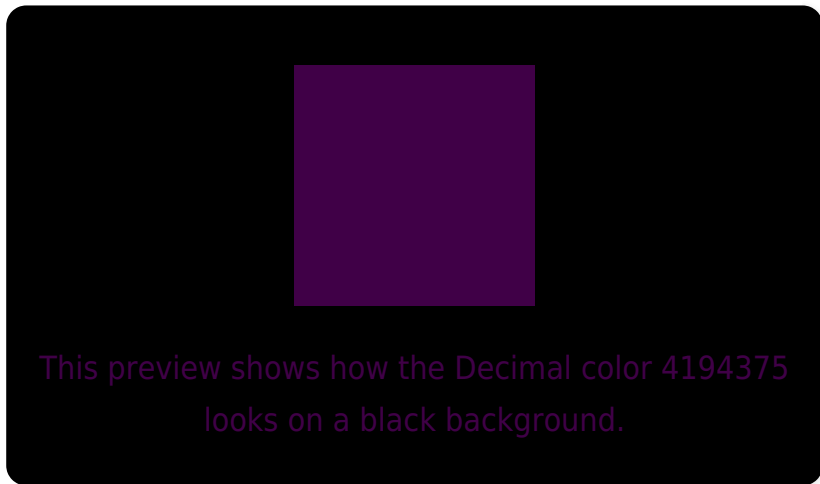
Large Text (above 18pt) WCAG AA ✓ Pass

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

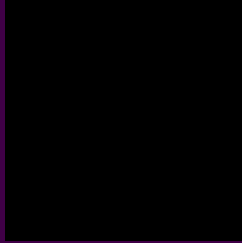
Any Text WCAG AA × Fail

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 4194375 Background



This preview shows how black text looks on a background with the Decimal color 4194375.



This preview shows how white text looks on a background with the Decimal color 4194375.

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
4194375

Protanopia
9293

Deuteranopia
796227

Trichromacy



Original Color
4194375

Protanomaly
1513291

Deuteranomaly
2037828

Tritanomaly
4002349

Monochromacy



Original Color
4194375

Achromatopsia
1776411

Achromatomaly
2625835

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4194375 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 #400047 looks like.

```
.text, #text, p{  
    color:#400047  
}
```

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 #400047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400047
}
```

Border

The CSS property to change the border of an element to Decimal 4194375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

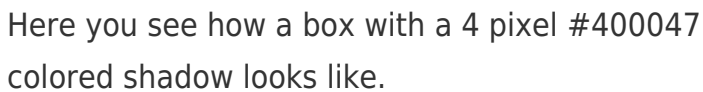
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400047 }
```

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

```
.border{ border-color:#400047 }
```

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



Here you see how a box with a 4 pixel #400047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400047; -webkit-box-shadow:4px 4px  
4px 4px #400047; box-shadow:4px 4px 4px  
4px #400047 }
```

Background

The CSS property to change the background color of an element to Decimal 4194375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400047 }
```

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

```
.background{ background-color:#400047 }
```

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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