

Converting Colors

Decimal(4333378)

Have a look what the booklet for
Decimal(4333378) contains.

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Color

Decimal(4333378)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 421F42 |
| RGB | 66, 31, 66 |
| RGB Percent | 26%, 12%, 26% |
| CMY | 0.7412, 0.8784, 0.7412 |
| CMYK | 0.00, 0.53, 0.00, 0.74 |
| HSL | 300°, 36%, 19% |
| HSV | 300°, 53%, 26% |
| XYZ | 3.7201, 2.5316, 5.4468 |
| YIQ | 45.4550, 9.6250, 18.3050 |

Conversions

Conversions Part 2

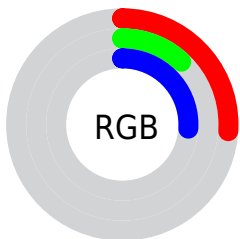
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 66, 31, 66 |
| Decimal | 4333378 |
| CIE _{Lab} | 18.06, 22.95, -14.97 |
| CIE _{LCh} | 18, 27.399, 326.888 |
| Yxy | 2.5316, 0.3180, 0.2164 |
| Android (android.graphics.Color) | 4282523458 (0xFF421F42) |
| YUV | 45.4550, 10.1287, 18.0180 |
| Hunter-Lab | 15.9109, 13.8909, -9.1593 |

Details

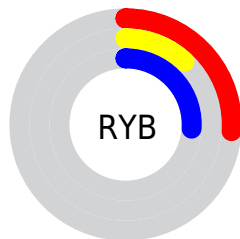
The Decimal color **4333378** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2048543**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **7556466**, and **1376279** is the 20% darker color. If you saturate the color by 10%, you get **4331586**, and if you desaturate by 10%, it is **4335170**.

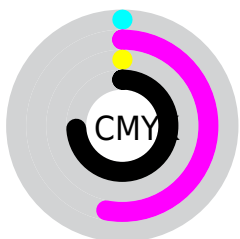
Distribution



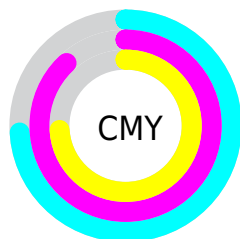
- Red (26%)
- Green (12%)
- Blue (26%)



- Red (26%)
- Yellow (12%)
- Blue (26%)



- Cyan (0%)
- Magenta (53%)
- Yellow (0%)
- Black (74%)



- Cyan (74%)
- Magenta (88%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4333378 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 4333378 by changing the saturation by 10% instead.



4333378



4333378

16777215



2820396



7556466



1376279



9266572



0



11042470



12818625



14660573



16568314



16772095



4333378



4333378

■ 4331586

■ 4335170

■ 4330050

■ 4336706

■ 4328258

■ 4338498

■ 4326722

■ 4340034

■ 4325442

■ 4341826

■ 4343618

■ 4345154

■ 4346946

■ 4348482

Harmonies

Analogous

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



2631760



4333378



5118255

Triad

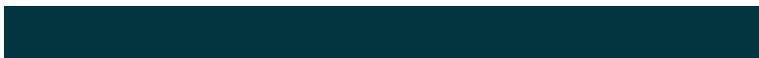
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4333378



3680768



13629

Complementary

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



4333378



2048543

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.



13609



4333378



2437123

Square

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



4333378



4662025



472085



13133

Rectangle

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



4333378



5249570



472085



13623

Sweetspot

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



4333378



5720407



2039618



2827051



11250603



2829099

Same Dimension

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



4333378



5709655



4333361



2170401



6357089



14680288

Inverse Universe

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



4333378



5709655



2048561



2170401



6357089



14680288

Previews

White Background



This preview shows how the Decimal color 4333378 looks on a white background.

Color Contrast Check

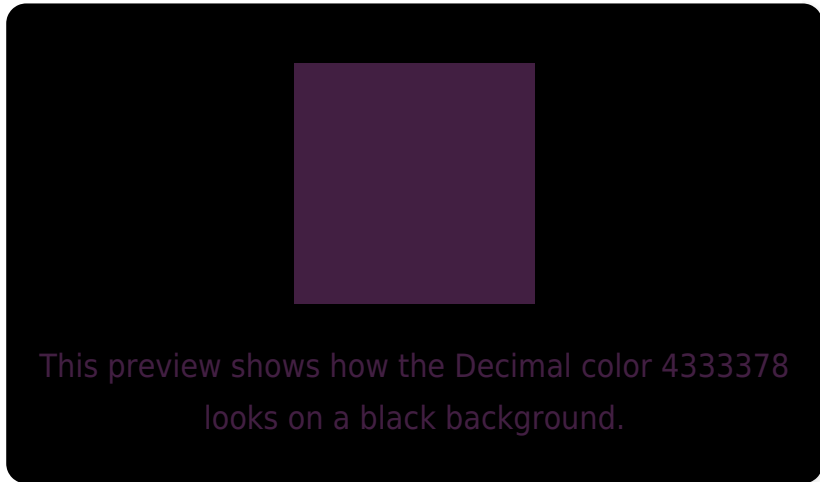
Large Text (above 18pt) WCAG AA ✓ Pass

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

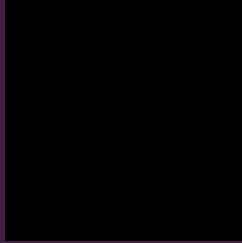
Any Text WCAG AA × Fail

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 4333378 Background



This preview shows how black text looks on a background with the Decimal color 4333378.



This preview shows how white text looks on a background with the Decimal color 4333378.

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](#).

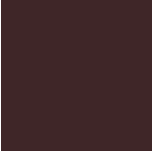
Dichromacy



Original Color
4333378

Protanopia
1977421

Deuteranopia
2501696



Tritanopia
4138536

Trichromacy



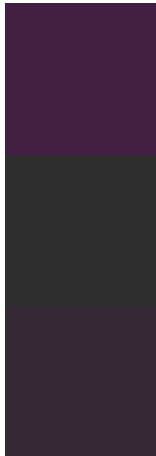
Original Color
4333378

Protanomaly
2828105

Deuteranomaly
3155777

Tritanomaly
4203313

Monochromacy



Original Color
4333378

Achromatopsia
2960685

Achromatomaly
3483701

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4333378 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 #421F42 looks like.

```
.text, #text, p{  
    color:#421F42  
}
```

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 #421F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421F42
}
```

Border

The CSS property to change the border of an element to Decimal 4333378 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".

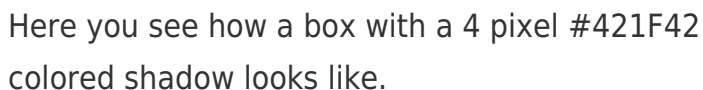
```
.border, #border, table{ border:4px solid
#421F42 }
```

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

```
.border{ border-color:#421F42 }
```

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

Here you see how a box with a 4 pixel #421F42 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421F42; -webkit-box-shadow:4px 4px  
4px 4px #421F42; box-shadow:4px 4px 4px  
4px #421F42 }
```

Background

The CSS property to change the background color of an element to Decimal 4333378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421F42 }
```

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

```
.background{ background-color:#421F42 }
```

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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