

Converting Colors

Decimal(5248307)

Have a look what the booklet for
Decimal(5248307) contains.

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Color

Decimal(5248307)

Conversions

Conversions Part 1

Format	Color
Hex	501533
RGB	80, 21, 51
RGB Percent	31%, 8%, 20%
CMY	0.6863, 0.9176, 0.8000
CMYK	0.00, 0.74, 0.36, 0.69
HSL	329°, 58%, 20%
HSV	329°, 74%, 31%
XYZ	4.1740, 2.4808, 3.3908
YIQ	42.0610, 25.5340, 21.8380

Conversions

Conversions Part 2

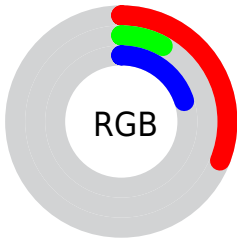
Format	Color
R_{YB}	80, 21, 51
Decimal	5248307
CIE _{Lab}	17.83, 30.58, -4.59
CIE _{LCh}	18, 30.920, 351.458
Yxy	2.4808, 0.4155, 0.2470
Android (android.graphics.Color)	4283438387 (0xFF501533)
YUV	42.0610, 4.4069, 33.2725
Hunter-Lab	15.7506, 19.7396, -1.7386

Details

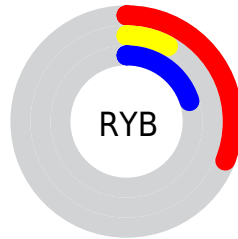
The Decimal color **5248307** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1396786**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **8668513**, and **2293763** is the 20% darker color. If you saturate the color by 10%, you get **5246255**, and if you desaturate by 10%, it is **5250359**.

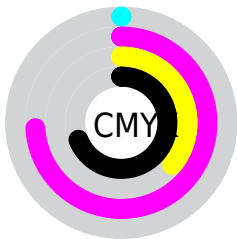
Distribution



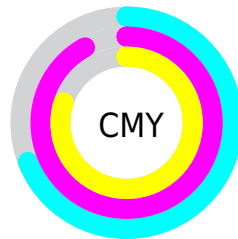
- Red (31%)
- Green (8%)
- Blue (20%)



- Red (31%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (36%)
- Black (69%)



- Cyan (69%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5248307 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 5248307 by changing the saturation by 10% instead.

■ 5248307

■ 5248307

16777215

■ 3604510

■ 8668513

■ 2293763

■ 10444154

■ 0

■ 12220308

■ 14127534

■ 16035018

■ 16763110

■ 16770303

■ 5248307

■ 5248307

■ 5246255

■ 5250359

■ 5244203

■ 5252411

■ 5242921

■ 5254463

■ 5256515

■ 5258567

■ 5260619

■ 5262671

■ 5264722

■ 5266774

Harmonies

Analogous

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



4202056



5248307



5445149

Triad

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



5248307



2633472



13390

Complementary

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



5248307



1396786

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.



13883



5248307



471821

Square

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



5248307



3942400



13604



12376

Rectangle

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



5248307



5184270



13604



13641

Sweetspot

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



5248307



6902365



3282256



3549231



11908533



3552822

Same Dimension

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



5248307



6884411



5248278



2696487



6881333



15204470

Inverse Universe

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



5248307



6884411



1396815



2696487



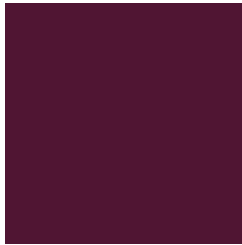
6881333



15204470

Previews

White Background



This preview shows how the Decimal color 5248307 looks on a white background.

Color Contrast Check

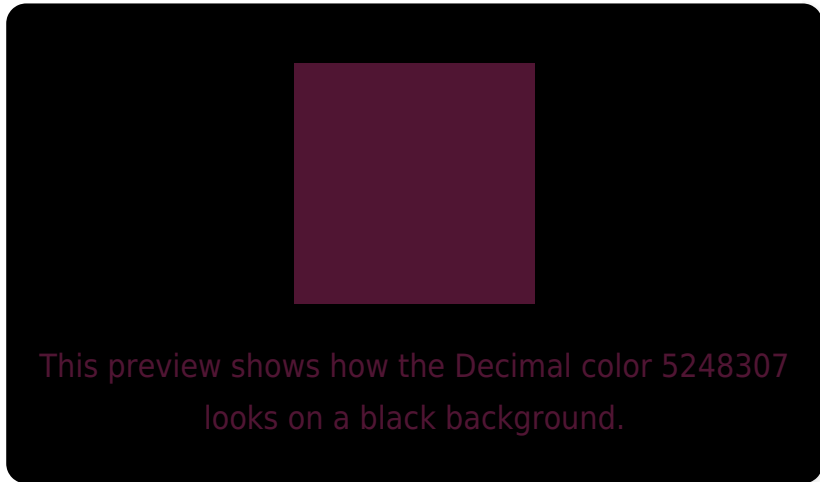
Large Text (above 18pt) WCAG AA ✓ Pass

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

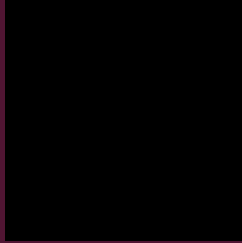
Any Text WCAG AA × Fail

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 5248307 Background



This preview shows how black text looks on a background with the Decimal color 5248307.



This preview shows how white text looks on a background with the Decimal color 5248307.

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
5248307

Protanopia
2501955

Deuteranopia
3157040



Tritanopia
5118749

Trichromacy



Original Color
5248307

Protanomaly
3482685

Deuteranomaly
3941425

Tritanomaly
5183781

Monochromacy



Original Color
5248307

Achromatopsia
2763306

Achromatomaly
3678765

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5248307 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 #501533 looks like.

```
.text, #text, p{  
    color:#501533  
}
```

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 #501533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501533
}
```

Border

The CSS property to change the border of an element to Decimal 5248307 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".

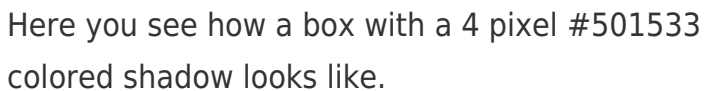
```
.border, #border, table{ border:4px solid
#501533 }
```

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

```
.border{ border-color:#501533 }
```

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

Here you see how a box with a 4 pixel #501533 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and down from the bottom-right corner of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501533; -webkit-box-shadow:4px 4px  
4px 4px #501533; box-shadow:4px 4px 4px  
4px #501533 }
```

Background

The CSS property to change the background color of an element to Decimal 5248307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501533 }
```

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

```
.background{ background-color:#501533 }
```

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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