

Converting Colors

Decimal(5308541)

Have a look what the booklet for
Decimal(5308541) contains.

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Color

Decimal(5308541)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 51007D |
| RGB | 81, 0, 125 |
| RGB Percent | 32%, 0%, 49% |
| CMY | 0.6824, 1.0000, 0.5098 |
| CMYK | 0.35, 1.00, 0.00, 0.51 |
| HSL | 279°, 100%, 25% |
| HSV | 279°, 100%, 49% |
| XYZ | 7.0950, 3.2300, 19.6515 |
| YIQ | 38.4690, 8.1510, 56.0470 |

Conversions

Conversions Part 2

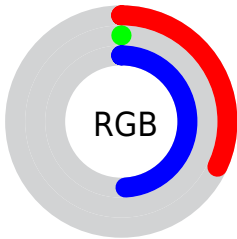
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 81, 0, 125 |
| Decimal | 5308541 |
| CIELab | 20.94, 51.29, -49.33 |
| CIELCh | 21, 71.165, 316.117 |
| Yxy | 3.2300, 0.2367, 0.1078 |
| Android (android.graphics.Color) | 4283498621 (0xFF51007D) |
| YUV | 38.4690, 42.6598, 37.2997 |
| Hunter-Lab | 17.9722, 39.0163, -52.2496 |

Details

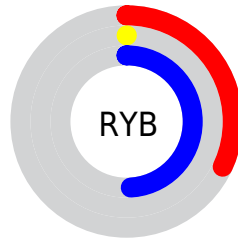
The Decimal color **5308541** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2915584**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **8863411**, and **1966155** is the 20% darker color. If you saturate the color by 10%, you get **5308541**, and if you desaturate by 10%, it is **5573757**.

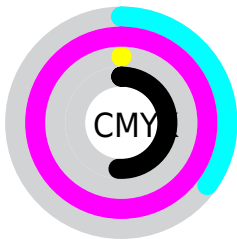
Distribution



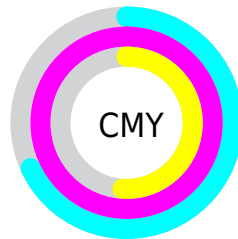
- Red (32%)
- Green (0%)
- Blue (49%)



- Red (32%)
- Yellow (0%)
- Blue (49%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5308541 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 5308541 by changing the saturation by 10% instead.

■ 5308541

■ 5308541

16776959

■ 3539043

■ 8863411

■ 1966155

■ 10705103

■ 51

■ 12612331

■ 541

■ 14519807

■ 0

■ 16427263

■ 16762111

■ 16769535

■ 5308541

■ 5573757

■ 5904765

■ 6170237

■ 6500989

■ 6766461

■ 7031677

■ 7362429

■ 7627901

■ 7958909

Harmonies

Analogous

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



12955



5308541



8257613

Triad

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



5308541



5383936



17743

Complementary

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



5308541



2915584

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.



17174



5308541



2308352

Square

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



5308541



7602176



16384



17791

Rectangle

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



5308541



8781867



16384



17468

Sweetspot

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



5308541



9597603



11901



4666450



13750737



5395026

Same Dimension

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



5308541



6946979



8192108



4077888



5439616



0

Inverse Universe

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



8192044



10682425



32017



4208956



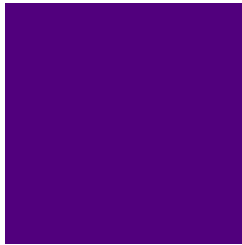
8388653



0

Previews

White Background



This preview shows how the Decimal color 5308541 looks on a white background.

Color Contrast Check

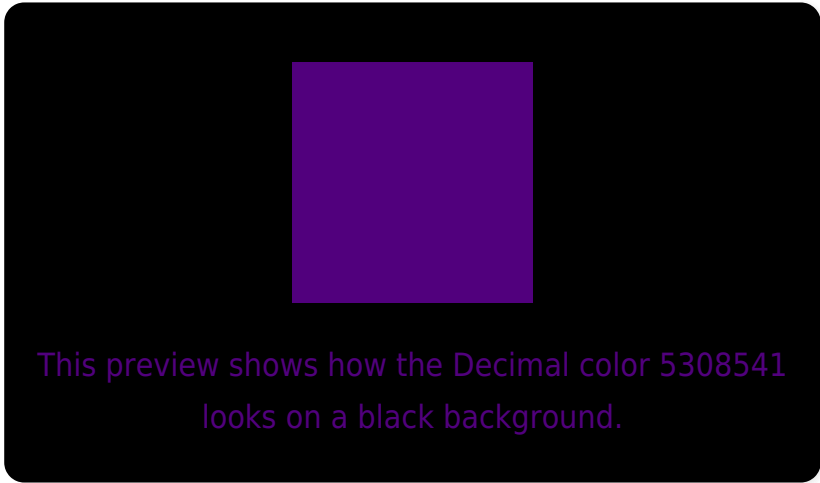
Large Text (above 18pt) WCAG AA ✓ Pass

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

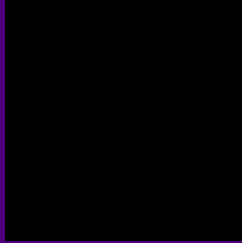
Any Text WCAG AA × Fail

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 5308541 Background



This preview shows how black text looks on a background with the Decimal color 5308541.



This preview shows how white text looks on a background with the Decimal color 5308541.

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





Tritanopia
4403509

Trichromacy



Original Color
5308541

Protanomaly
1909107

Deuteranomaly
1909610

Tritanomaly
4726607

Monochromacy



Original Color
5308541

Achromatopsia
2500134

Achromatomaly
3545158

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5308541 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 #51007D looks like.

```
.text, #text, p{  
    color:#51007D  
}
```

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 #51007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51007D
}
```

Border

The CSS property to change the border of an element to Decimal 5308541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

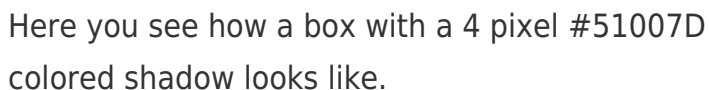
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51007D }
```

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

```
.border{ border-color:#51007D }
```

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



Here you see how a box with a 4 pixel #51007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51007D; -webkit-box-shadow:4px 4px  
4px 4px #51007D; box-shadow:4px 4px 4px  
4px #51007D }
```

Background

The CSS property to change the background color of an element to Decimal 5308541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51007D }
```

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

```
.background{ background-color:#51007D }
```

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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