

Converting Colors

Decimal(5381243)

Have a look what the booklet for
Decimal(5381243) contains.

Decimal(5381243)	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(5381243)

Conversions

Conversions Part 1

Format	Color
Hex	521C7B
RGB	82, 28, 123
RGB Percent	32%, 11%, 48%
CMY	0.6784, 0.8902, 0.5176
CMYK	0.33, 0.77, 0.00, 0.52
HSL	274°, 63%, 30%
HSV	274°, 77%, 48%
XYZ	7.4701, 4.0544, 19.1278
YIQ	54.9760, 1.6890, 40.9930

Conversions

Conversions Part 2

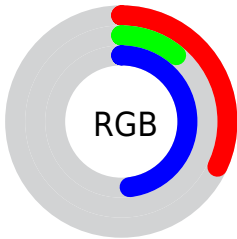
Format	Color
R_{YB}	82, 28, 123
Decimal	5381243
CIE _{Lab}	23.85, 42.40, -43.30
CIE _{LCh}	24, 60.608, 314.398
Yxy	4.0544, 0.2437, 0.1323
Android (android.graphics.Color)	4283571323 (0xFF521C7B)
YUV	54.9760, 33.5358, 23.7000
Hunter-Lab	20.1356, 30.9844, -42.2276

Details

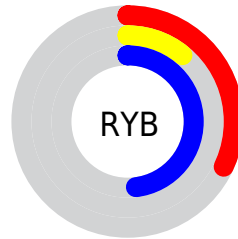
The Decimal color **5381243** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4553500**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **8867504**, and **2031689** is the 20% darker color. If you saturate the color by 10%, you get **5050491**, and if you desaturate by 10%, it is **5711995**.

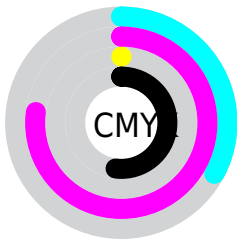
Distribution



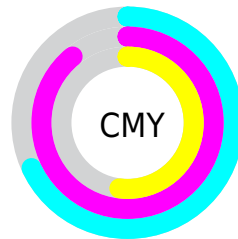
- Red (32%)
- Green (11%)
- Blue (48%)



- Red (32%)
- Yellow (11%)
- Blue (48%)



- Cyan (33%)
- Magenta (77%)
- Yellow (0%)
- Black (52%)



- Cyan (68%)
- Magenta (89%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5381243 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 5381243 by changing the saturation by 10% instead.

■ 5381243

■ 5381243

16777215

■ 3670114

■ 8867504

■ 2031689

■ 10708940

■ 50

■ 12550632

■ 284

■ 14392575

■ 0

■ 16365567

■ 16765951

■ 16773375

■ 5381243

■ 5381243

■ 5050491

■ 5711995

■ 4653947

■ 6108539

■ 4587643

■ 6439291

■ 6770043

■ 7166587

■ 7497339

■ 7828091

■ 8158843

■ 8555387

Harmonies

Analogous

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



14483



5381243



8061010

Triad

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



5381243



5910016



19022

Complementary

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



5381243



4553500

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.



18718



5381243



3292672

Square

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



5381243



7801088



17664



19065

Rectangle

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



5381243



8585268



17664



19007

Sweetspot

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



5381243



9534625



1852795



4733778



13750737



5395026

Same Dimension

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



5381243



6294433



8068213



3880765



4653181



9371900

Inverse Universe

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



8068165



10554188



1866530



4011834



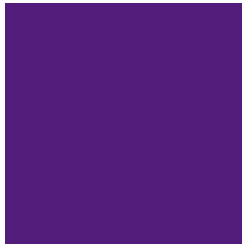
8192054



16515181

Previews

White Background



This preview shows how the Decimal color 5381243 looks on a white background.

Color Contrast Check

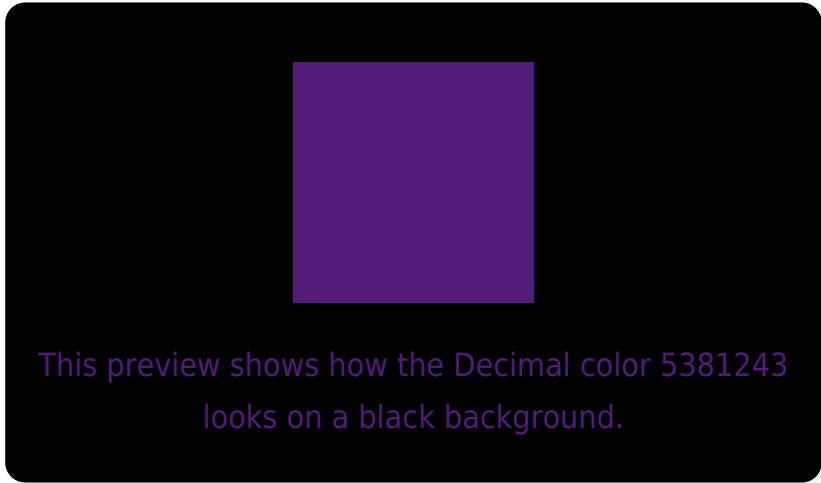
Large Text (above 18pt) WCAG AA ✓ Pass

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

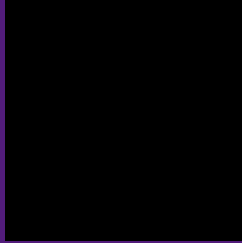
Any Text WCAG AA × Fail

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 5381243 Background



This preview shows how black text looks on a background with the Decimal color 5381243.

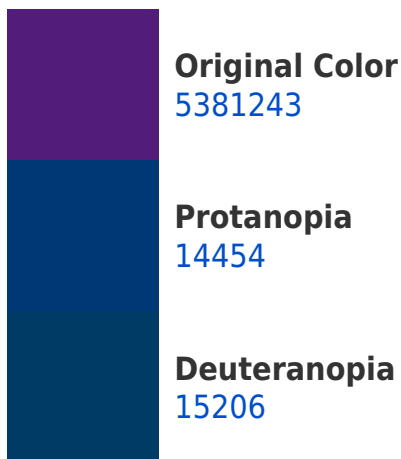


This preview shows how white text looks on a background with the Decimal color 5381243.

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
4601145

Trichromacy



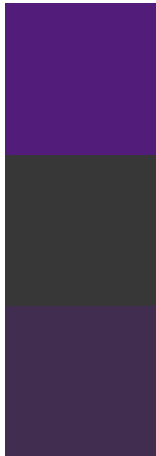
Original Color
5381243

Protanomaly
1977976

Deuteranomaly
1978478

Tritanomaly
4861009

Monochromacy



Original Color
5381243

Achromatopsia
3618615

Achromatomaly
4271440

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5381243 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 #521C7B looks like.

```
.text, #text, p{  
    color:#521C7B  
}
```

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 #521C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #521C7B
}
```

Border

The CSS property to change the border of an element to Decimal 5381243 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
#521C7B }
```

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

```
.border{ border-color:#521C7B }
```

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

Here you see how a box with a 4 pixel #521C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #521C7B; -webkit-box-shadow:4px 4px  
4px 4px #521C7B; box-shadow:4px 4px 4px  
4px #521C7B }
```

Background

The CSS property to change the background color of an element to Decimal 5381243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#521C7B }
```

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

```
.background{ background-color:#521C7B }
```

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