

Converting Colors

Decimal(5253547)

Have a look what the booklet for
Decimal(5253547) contains.

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Color

Decimal(5253547)

Conversions

Conversions Part 1

Format	Color
Hex	5029AB
RGB	80, 41, 171
RGB Percent	31%, 16%, 67%
CMY	0.6863, 0.8392, 0.3294
CMYK	0.53, 0.76, 0.00, 0.33
HSL	258°, 61%, 42%
HSV	258°, 76%, 67%
XYZ	11.4519, 6.2316, 39.1273
YIQ	67.4810, -18.4860, 48.6980

Conversions

Conversions Part 2

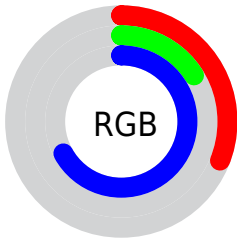
Format	Color
R _Y B	80, 41, 171
Decimal	5253547
CIE Lab	29.99, 48.72, -62.90
CIE LCh	30, 79.562, 307.763
Yxy	6.2316, 0.2016, 0.1097
Android (android.graphics.Color)	4283443627 (0xFF5029AB)
YUV	67.4810, 51.0349, 10.9792
Hunter-Lab	24.9632, 38.2013, -75.4568

Details

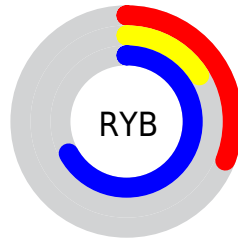
The Decimal color **5253547** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **8694569**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **9067491**, and **65653** is the 20% darker color. If you saturate the color by 10%, you get **4462763**, and if you desaturate by 10%, it is **6044331**.

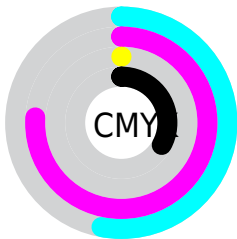
Distribution



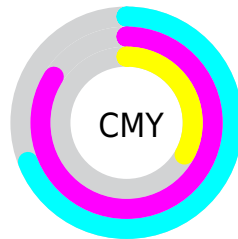
- Red (31%)
- Green (16%)
- Blue (67%)



- Red (31%)
- Yellow (16%)
- Blue (67%)



- Cyan (53%)
- Magenta (76%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (84%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5253547 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 5253547 by changing the saturation by 10% instead.

■ 5253547

■ 5253547

16777215

■ 3215248

■ 9067491

■ 65653

■ 10974463

■ 92

■ 12881919

■ 835

■ 14854911

■ 812

■ 16762623

■ 278

■ 16769791

■ 0

■ 5253547

■ 5253547

■ 4462763

■ 6044331

■ 3671979

■ 6835115

■ 3342507

■ 7625899

■ 8416683

■ 9207467

■ 9998507

■ 10789291

■ 11580075

■ 12370859

Harmonies

Analogous

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



19653



5253547



9896055

Triad

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



5253547



8073216



23894

Complementary

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



5253547



8694569

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.



23056



5253547



4803072

Square

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



5253547



10354688



22016



23955

Rectangle

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



5253547



11010126



22016



23616

Sweetspot

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



5253547



12233694



2720939



5919088



15790320



7368816

Same Dimension

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



5253547



5313758



9513387



5328471



2949270



458775

Inverse Universe

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



11217284



14554273



4434729



5721684



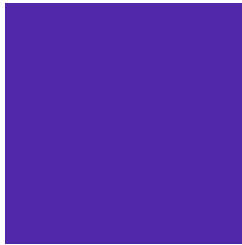
9830505



1507344

Previews

White Background



This preview shows how the Decimal color 5253547 looks on a white background.

Color Contrast Check

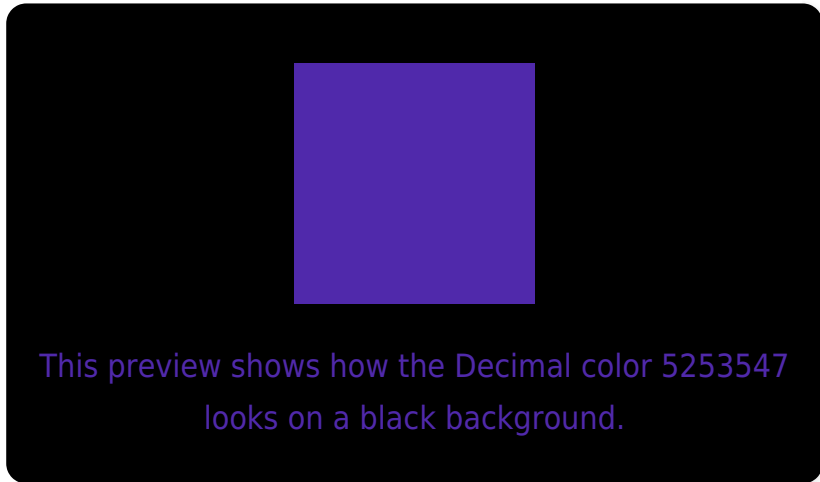
Large Text (above 18pt) WCAG AA ✓ Pass

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

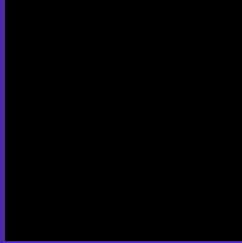
Any Text WCAG AA × Fail

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 5253547 Background



This preview shows how black text looks on a background with the Decimal color 5253547.



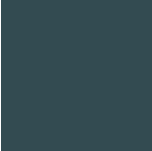
This preview shows how white text looks on a background with the Decimal color 5253547.

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
3361617

Trichromacy



Original Color
5253547

Protanomaly
1915802

Deuteranomaly
1916301

Tritanomaly
4079474

Monochromacy



Original Color
5253547

Achromatopsia
4408131

Achromatomaly
4733545

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5253547 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 #5029AB looks like.

```
.text, #text, p{  
    color:#5029AB  
}
```

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 #5029AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5029AB
}
```

Border

The CSS property to change the border of an element to Decimal 5253547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

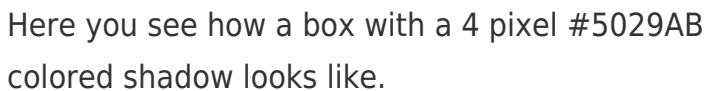
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5029AB }
```

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

```
.border{ border-color:#5029AB }
```

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



Here you see how a box with a 4 pixel #5029AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5029AB; -webkit-box-shadow:4px 4px  
4px 4px #5029AB; box-shadow:4px 4px 4px  
4px #5029AB }
```

Background

The CSS property to change the background color of an element to Decimal 5253547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5029AB }
```

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

```
.background{ background-color:#5029AB }
```

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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