

Converting Colors

Decimal(5574967)

Have a look what the booklet for
Decimal(5574967) contains.

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Color

Decimal(5574967)

Conversions

Conversions Part 1

Format	Color
Hex	551137
RGB	85, 17, 55
RGB Percent	33%, 7%, 22%
CMY	0.6667, 0.9333, 0.7843
CMYK	0.00, 0.80, 0.35, 0.67
HSL	326°, 67%, 20%
HSV	326°, 80%, 33%
XYZ	4.6363, 2.6080, 3.8735
YIQ	41.6640, 28.3300, 26.2340

Conversions

Conversions Part 2

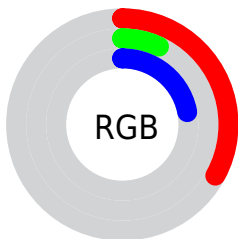
Format	Color
RYB	85, 17, 55
Decimal	5574967
CIELab	18.40, 34.41, -6.47
CIElCh	18, 35.016, 349.358
Yxy	2.6080, 0.4170, 0.2346
Android (android.graphics.Color)	4283765047 (0xFF551137)
YUV	41.6640, 6.5746, 38.0057
Hunter-Lab	16.1494, 22.9844, -2.9163




Details

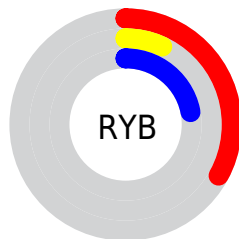
The Decimal color **5574967** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1135919**, and the grayscale version is **2763306**.




A 20% lighter version of the original color is **8995686**, and **2555914** is the 20% darker color. If you saturate the color by 10%, you get **5572659**, and if you desaturate by 10%, it is **5577019**.

Distribution







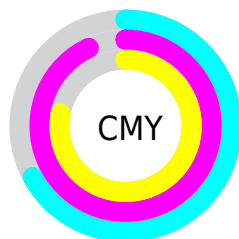
-  Red (33%)
-  Green (7%)
-  Blue (22%)






-  Red (33%)
-  Yellow (7%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (35%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (93%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5574967 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 5574967 by changing the saturation by 10% instead.

■ 5574967

■ 5574967

16777215

■ 3932194

■ 8995686

■ 2555914

■ 10837119

■ 0

■ 12678553

■ 14520499

■ 16493519

■ 16762603

■ 16770047

■ 5574967

■ 5574967

■ 5572659

■ 5577019

■ 5570608

■ 5579327

■ 5581378

■ 5583686

■ 5585738

■ 5588046

■ 5590097

■ 5592405

■ 5594713

Harmonies

Analogous

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



4333134



5574967



5837086

Triad

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



5574967



2764800



14163

Complementary

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



5574967



1135919

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.



14397



5574967



275719

Square

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



5574967



4204544



14371



13151

Rectangle

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



5574967



5511437



14371



14157

Sweetspot

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



5574967



7230306



3019093



3680305



12105912



3684408

Same Dimension

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



5574967



7210047



5574934



2828073



7012412



15401091

Inverse Universe

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



5574967



7210047



1135952



2828073



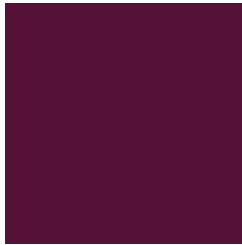
7012412



15401091

Previews

White Background



This preview shows how the Decimal color 5574967 looks on a white background.

Color Contrast Check

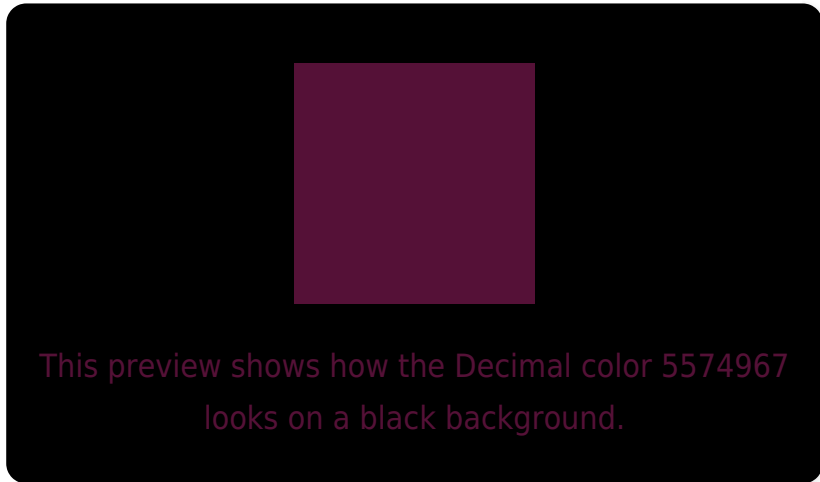
Large Text (above 18pt) WCAG AA ✓ Pass

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

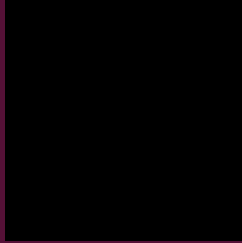
Any Text WCAG AA × Fail

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 5574967 Background



This preview shows how black text looks on a background with the Decimal color 5574967.



This preview shows how white text looks on a background with the Decimal color 5574967.

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
5574967

Protanopia
2371147

Deuteranopia
3223092



Tritanopia
5446171

Trichromacy



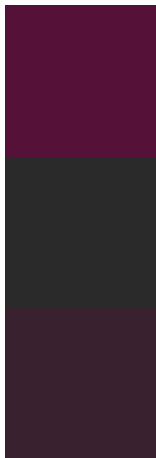
Original Color
5574967

Protanomaly
3547972

Deuteranomaly
4072245

Tritanomaly
5510949

Monochromacy



Original Color
5574967

Achromatopsia
2763306

Achromatomaly
3809583

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5574967 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 #551137 looks like.

```
.text, #text, p{  
    color:#551137  
}
```

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 #551137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551137
}
```

Border

The CSS property to change the border of an element to Decimal 5574967 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".

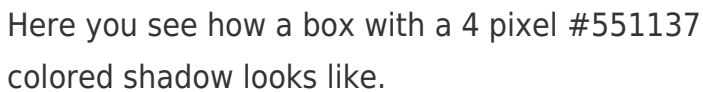
```
.border, #border, table{ border:4px solid
#551137 }
```

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

```
.border{ border-color:#551137 }
```

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

Here you see how a box with a 4 pixel #551137 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551137; -webkit-box-shadow:4px 4px  
4px 4px #551137; box-shadow:4px 4px 4px  
4px #551137 }
```

Background

The CSS property to change the background color of an element to Decimal 5574967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551137 }
```

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

```
.background{ background-color:#551137 }
```

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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