

Converting Colors

Decimal(5970247)

Have a look what the booklet for
Decimal(5970247) contains.

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Color

Decimal(5970247)

Conversions

Conversions Part 1

Format	Color
Hex	5B1947
RGB	91, 25, 71
RGB Percent	36%, 10%, 28%
CMY	0.6431, 0.9020, 0.7216
CMYK	0.00, 0.73, 0.22, 0.64
HSL	318°, 57%, 23%
HSV	318°, 73%, 36%
XYZ	5.7993, 3.3743, 6.3069
YIQ	49.9780, 24.5700, 28.2980

Conversions

Conversions Part 2

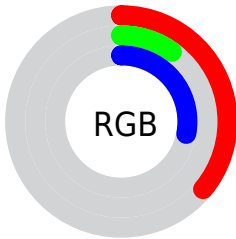
Format	Color
RYB	91, 25, 71
Decimal	5970247
CIELab	21.48, 35.27, -12.75
CIELCh	21, 37.505, 340.118
Yxy	3.3743, 0.3746, 0.2180
Android (android.graphics.Color)	4284160327 (0xFF5B1947)
YUV	49.9780, 10.3638, 35.9763
Hunter-Lab	18.3694, 24.2073, -7.4979

Details

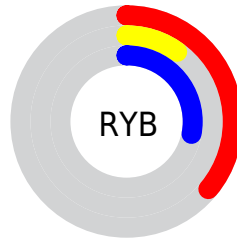
The Decimal color **5970247** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1661741**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **9390712**, and **2883612** is the 20% darker color. If you saturate the color by 10%, you get **5967940**, and if you desaturate by 10%, it is **5972554**.

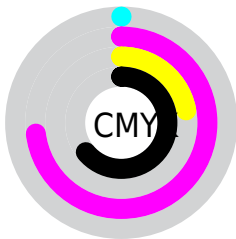
Distribution



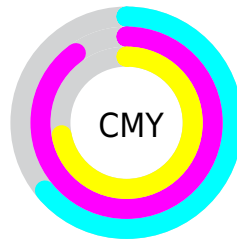
- Red (36%)
- Green (10%)
- Blue (28%)



- Red (36%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (73%)
- Yellow (22%)
- Black (64%)



- Cyan (64%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5970247 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 5970247 by changing the saturation by 10% instead.



5970247



5970247

16777215



4325424



9390712



2883612



11232145



0



13073836



14915783



16757731



16764927



16772095



5970247



5970247

■ 5967940

■ 5972554

■ 5965633

■ 5974861

■ 5963839

■ 5977167

■ 5979474

■ 5981781

■ 5984344

■ 5986650

■ 5988957

■ 5991264

Harmonies

Analogous

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



4204382



5970247



6558763

Triad

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



5970247



3683584



16215

Complementary

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



5970247



1661741

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.



16444



5970247



1587969

Square

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



5970247



5188352



16159



15464

Rectangle

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



5970247



6429210



16159



16463

Sweetspot

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



5970247



7691117



2955611



3877686



12237498



3881787

Same Dimension

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



5970247



7671638



5970214



3025197



7209036



15532197

Inverse Universe

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



5970247



7671638



1661774



3025197



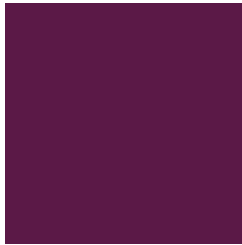
7209036



15532197

Previews

White Background



This preview shows how the Decimal color 5970247 looks on a white background.

Color Contrast Check

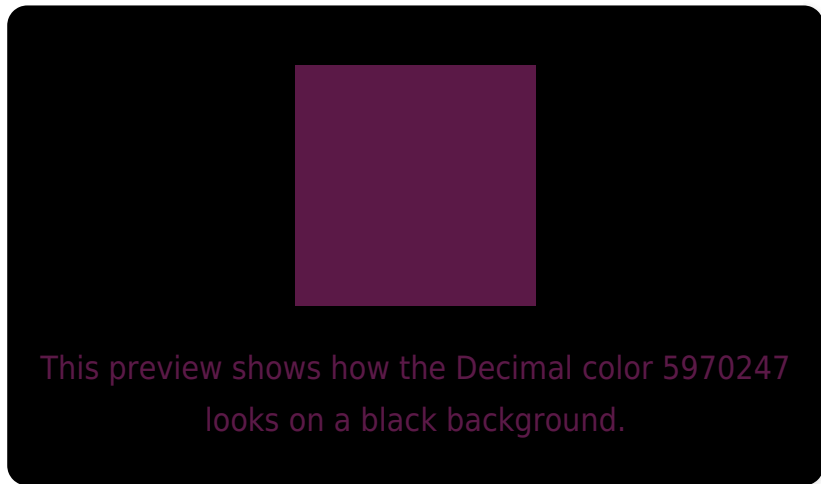
Large Text (above 18pt) WCAG AA ✓ Pass

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

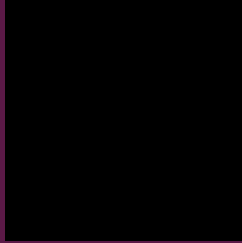
Any Text WCAG AA × Fail

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 5970247 Background



This preview shows how black text looks on a background with the Decimal color 5970247.



This preview shows how white text looks on a background with the Decimal color 5970247.

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
5970247

Protanopia
2307164

Deuteranopia
3355715



Tritanopia
5776165

Trichromacy



Original Color
5970247

Protanomaly
3615316

Deuteranomaly
4336196

Tritanomaly
5840689

Monochromacy



Original Color
5970247

Achromatopsia
3289650

Achromatomaly
4270394

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5970247 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 #5B1947 looks like.

```
.text, #text, p{  
    color:#5B1947  
}
```

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 #5B1947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1947
}
```

Border

The CSS property to change the border of an element to Decimal 5970247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

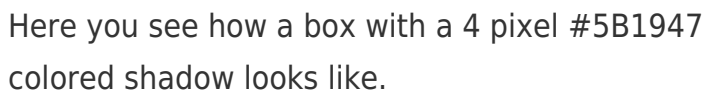
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B1947 }
```

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

```
.border{ border-color:#5B1947 }
```

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



Here you see how a box with a 4 pixel #5B1947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1947; -webkit-box-shadow:4px 4px  
4px 4px #5B1947; box-shadow:4px 4px 4px  
4px #5B1947 }
```

Background

The CSS property to change the background color of an element to Decimal 5970247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1947 }
```

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

```
.background{ background-color:#5B1947 }
```

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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