

Converting Colors

Decimal(5439601)

Have a look what the booklet for
Decimal(5439601) contains.

Decimal(5439601)	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(5439601)

Conversions

Conversions Part 1

Format	Color
Hex	530071
RGB	83, 0, 113
RGB Percent	33%, 0%, 44%
CMY	0.6745, 1.0000, 0.5569
CMYK	0.27, 1.00, 0.00, 0.56
HSL	284°, 100%, 22%
HSV	284°, 100%, 44%
XYZ	6.5479, 3.0313, 15.8628
YIQ	37.6990, 13.1950, 52.7390

Conversions

Conversions Part 2

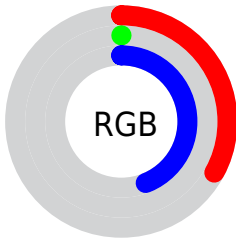
Format	Color
R_{YB}	83, 0, 113
Decimal	5439601
CIE _{Lab}	20.17, 49.07, -42.88
CIE _{LCh}	20, 65.165, 318.854
Yxy	3.0313, 0.2574, 0.1191
Android (android.graphics.Color)	4283629681 (0xFF530071)
YUV	37.6990, 37.1234, 39.7290
Hunter-Lab	17.4105, 36.6637, -41.8320

Details

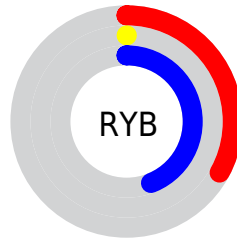
The Decimal color **5439601** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1995008**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **8994214**, and **2293824** is the 20% darker color. If you saturate the color by 10%, you get **5439601**, and if you desaturate by 10%, it is **5639025**.

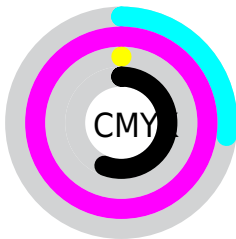
Distribution



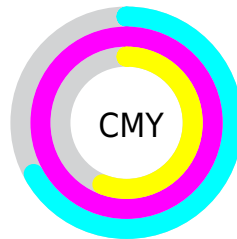
- Red (33%)
- Green (0%)
- Blue (44%)



- Red (33%)
- Yellow (0%)
- Blue (44%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (67%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5439601 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 5439601 by changing the saturation by 10% instead.

 5439601

 5439601

 16776447

 3735640

 8994214

 2293824

 10770369

 41

 12677597

 275

 14519546

 0

 16492543

 16761855

 16769023

 5439601

■ 5639025

■ 5838705

■ 6038129

■ 6237553

■ 6437233

■ 6636657

■ 6836081

■ 7035505

■ 7235185

Harmonies

Analogous

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



11918



5439601



7864389

Triad

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



5439601



4925440



16975

Complementary

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



5439601



1995008

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.



16668



5439601



2045696

Square

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



5439601



7012352



15872



17018

Rectangle

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



5439601



8257574



15872



16958

Sweetspot

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



5439601



8939668



7793



4403018



13224393



4868682

Same Dimension

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



5439601



7143572



7405655



3617336



5767288



11927799

Inverse Universe

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



7405598



9699367



28954



3682868



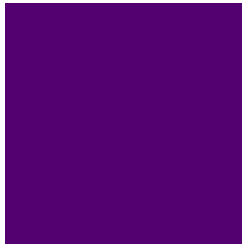
7864352



16187458

Previews

White Background



This preview shows how the Decimal color 5439601 looks on a white background.

Color Contrast Check

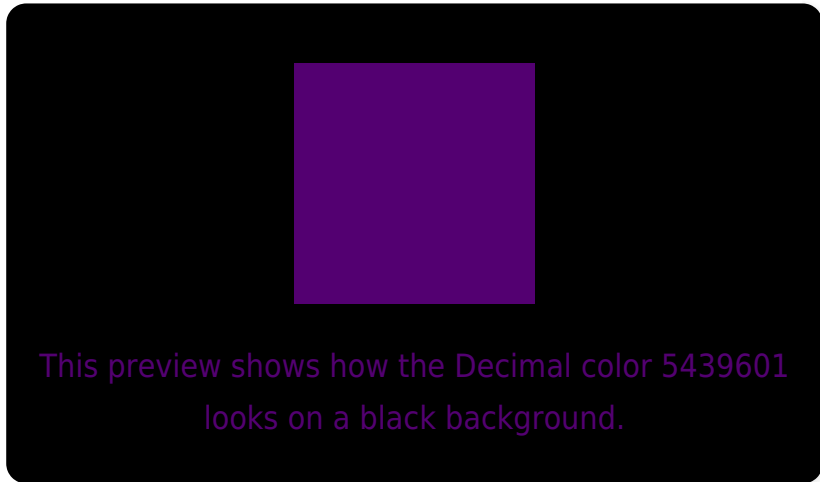
Large Text (above 18pt) WCAG AA ✓ Pass

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

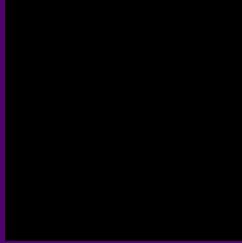
Any Text WCAG AA × Fail

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 5439601 Background



This preview shows how black text looks on a background with the Decimal color 5439601.



This preview shows how white text looks on a background with the Decimal color 5439601.

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
5439601

Protanopia
13163

Deuteranopia
13917



Tritanopia
4795439

Trichromacy



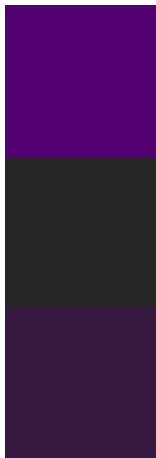
Original Color
5439601

Protanomaly
1974381

Deuteranomaly
1974884

Tritanomaly
5053511

Monochromacy



Original Color
5439601

Achromatopsia
2500134

Achromatomaly
3545153

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5439601 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 #530071 looks like.

```
.text, #text, p{  
    color:#530071  
}
```

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 #530071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530071
}
```

Border

The CSS property to change the border of an element to Decimal 5439601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

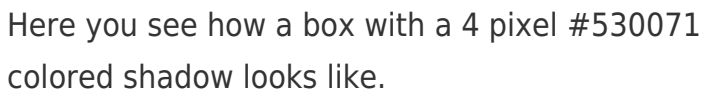
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#530071 }
```

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

```
.border{ border-color:#530071 }
```

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



Here you see how a box with a 4 pixel #530071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530071; -webkit-box-shadow:4px 4px  
4px 4px #530071; box-shadow:4px 4px 4px  
4px #530071 }
```

Background

The CSS property to change the background color of an element to Decimal 5439601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530071 }
```

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

```
.background{ background-color:#530071 }
```

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