

# Converting Colors

Decimal(5308527)

Have a look what the booklet for  
Decimal(5308527) contains.

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**Color**

**Decimal(5308527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51006F
RGB	81, 0, 111
RGB Percent	32%, 0%, 44%
CMY	0.6824, 1.0000, 0.5647
CMYK	0.27, 1.00, 0.00, 0.56
HSL	284°, 100%, 22%
HSV	284°, 100%, 44%
XYZ	6.2626, 2.8970, 15.2680
YIQ	36.8730, 12.6450, 51.6930

# Conversions

## Conversions Part 2

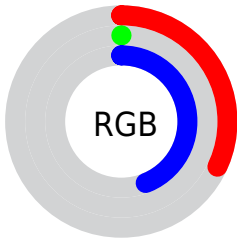
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 0, 111
Decimal	5308527
CIE <sub>Lab</sub>	19.63, 48.39, -42.48
CIE <sub>LCh</sub>	20, 64.387, 318.719
Yxy	2.8970, 0.2564, 0.1186
Android (android.graphics.Color)	4283498607 (0xFF51006F)
YUV	36.8730, 36.5446, 38.6994
Hunter-Lab	17.0207, 35.8912, -41.2704

# Details

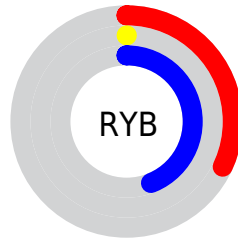
The Decimal color **5308527** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1994496**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **8797348**, and **2162750** is the 20% darker color. If you saturate the color by 10%, you get **5308527**, and if you desaturate by 10%, it is **5507951**.

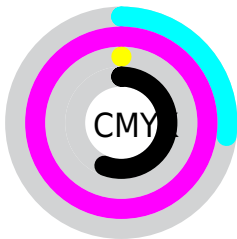
# Distribution



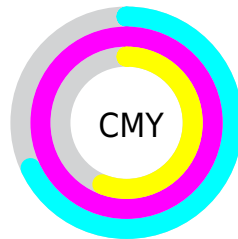
- Red (32%)
- Green (0%)
- Blue (44%)



- Red (32%)
- Yellow (0%)
- Blue (44%)



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



- Cyan (68%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5308527 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 5308527 by changing the saturation by 10% instead.



 5308527

 5308527

 16776191

 3604566

 8797348

 2162750

 10639039

 39

 12480731

 273

 14388216

 0

 16295679

 16761599

 16768767

 5308527

■ 5507951

■ 5707375

■ 5906799

■ 6106223

■ 6305903

■ 6505327

■ 6704751

■ 6904175

■ 7103599

# Harmonies

## Analogous

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



11659



5308527



7667779

# Triad

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



5308527



4859648



16461

# Complementary

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



5308527



1994496

# 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.



16155



5308527



1979904

# Square

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



5308527



6881280



15360



16503

# Rectangle

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



5308527



8060965



15360



16445



# Sweetspot

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



5308527



8808081



8047



4403018



13224393



4868682



# Same Dimension

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



5308527



6946961



7274583



3617336



5701752



11796727



# Inverse Universe

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



7274526



9502759



28440



3682868



7864352



16187459



# Previews

## White Background



This preview shows how the Decimal color 5308527 looks on a white background.

## Color Contrast Check

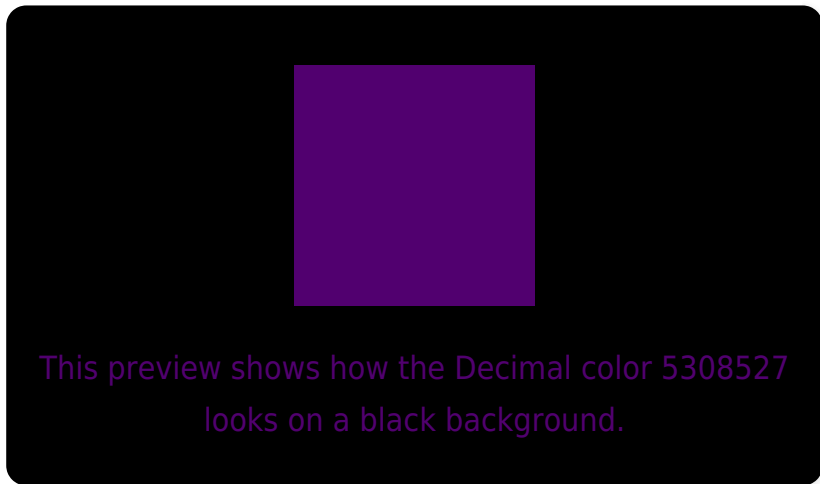
Large Text (above 18pt) WCAG AA ✓ Pass

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

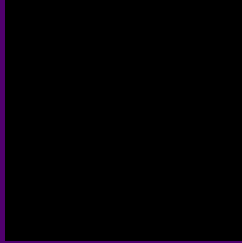
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5308527 Background



This preview shows how black text looks on a background with the Decimal color 5308527.




This preview shows how white text looks on a background with the Decimal color 5308527.

# 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**  
4664111

# Trichromacy



**Original Color**  
5308527

**Protanomaly**  
1908843

**Deuteranomaly**  
1909346

**Tritanomaly**  
4922182

# Monochromacy



**Original Color**  
5308527

**Achromatopsia**  
2434341

**Achromatomaly**  
3479616

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5308527 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 #51006F looks like.

```
.text, #text, p{  
    color:#51006F  
}
```

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 #51006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51006F
}
```

## Border

The CSS property to change the border of an element to Decimal 5308527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

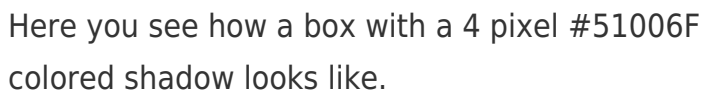
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51006F }
```

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

```
.border{ border-color:#51006F }
```

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



Here you see how a box with a 4 pixel #51006F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51006F; -webkit-box-shadow:4px 4px  
4px 4px #51006F; box-shadow:4px 4px 4px  
4px #51006F }
```

# Background

The CSS property to change the background color of an element to Decimal 5308527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51006F }
```

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

```
.background{ background-color:#51006F }
```

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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