

Converting Colors

Decimal(5242961)

Have a look what the booklet for
Decimal(5242961) contains.

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Color

Decimal(5242961)

Conversions

Conversions Part 1

Format	Color
Hex	500051
RGB	80, 0, 81
RGB Percent	31%, 0%, 32%
CMY	0.6863, 1.0000, 0.6824
CMYK	0.01, 1.00, 0.00, 0.68
HSL	299°, 100%, 16%
HSV	299°, 100%, 32%
XYZ	4.7935, 2.2996, 7.9758
YIQ	33.1540, 21.6790, 42.1510

Conversions

Conversions Part 2

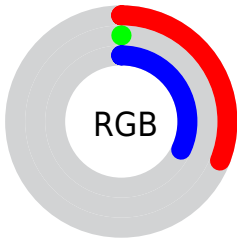
Format	Color
R_{YB}	80, 0, 81
Decimal	5242961
CIE _{Lab}	16.99, 42.55, -26.81
CIE _{LCh}	17, 50.289, 327.785
Yxy	2.2996, 0.3181, 0.1526
Android (android.graphics.Color)	4283433041 (0xFF500051)
YUV	33.1540, 23.5881, 41.0839
Hunter-Lab	15.1643, 29.8868, -20.5691

Details

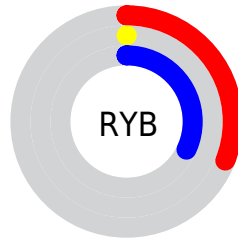
The Decimal color **5242961** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **86272**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **8665475**, and **2162724** is the 20% darker color. If you saturate the color by 10%, you get **5242961**, and if you desaturate by 10%, it is **5245009**.

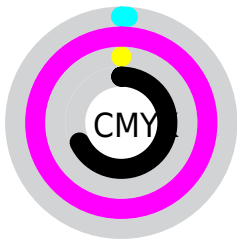
Distribution



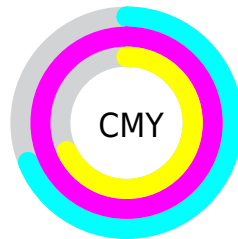
- Red (31%)
- Green (0%)
- Blue (32%)



- Red (31%)
- Yellow (0%)
- Blue (32%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5242961 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 5242961 by changing the saturation by 10% instead.

 5242961

 5242961

 16775167

 3604538

 8665475

 2162724

 10441629

 11

 12283320

 0

 14190548

 16098032

 16760575

 16767743

 5242961

■ 5245009

■ 5247057

■ 5249105

■ 5251153

■ 5318993

■ 5321041

■ 5323089

■ 5325137

■ 5327185

Harmonies

Analogous

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



1188203



5242961



6553646

Triad

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



5242961



3614720



14411

Complementary

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



5242961



86272

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.



14118



5242961



1192192

Square

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



5242961



5379328



13568



13928

Rectangle

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



5242961



6619159



13568



14399

Sweetspot

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



5242961



6834537



337



3482166



11908533



3552822

Same Dimension

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



5242961



6750313



5308458



2696489



15007976

Inverse Universe

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



5308417



6881281



20775



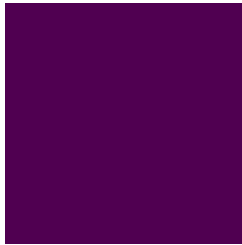
2696485



15204355

Previews

White Background



This preview shows how the Decimal color 5242961 looks on a white background.

Color Contrast Check

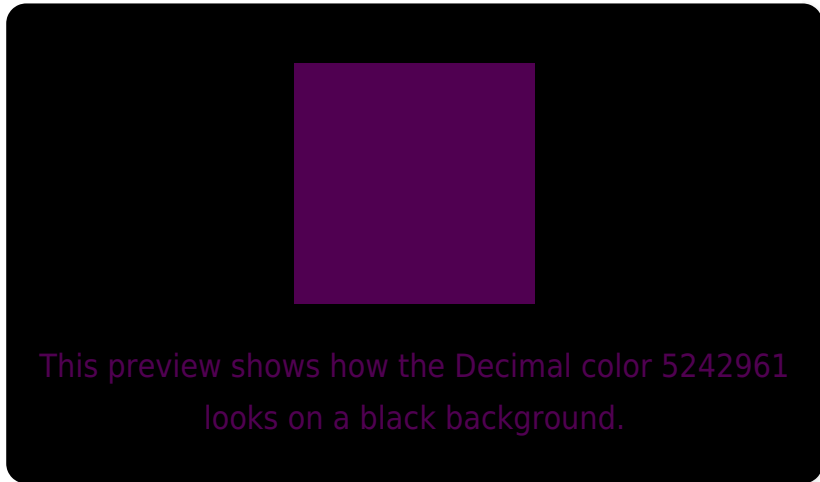
Large Text (above 18pt) WCAG AA ✓ Pass

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

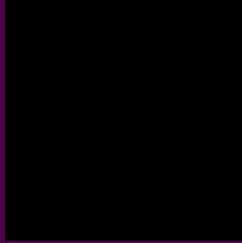
Any Text WCAG AA × Fail

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 5242961 Background



This preview shows how black text looks on a background with the Decimal color 5242961.



This preview shows how white text looks on a background with the Decimal color 5242961.

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
5242961

Protanopia
11358

Deuteranopia
1715788

Trichromacy



Original Color
5242961

Protanomaly
1907801

Deuteranomaly
3022158

Tritanomaly
5051443

Monochromacy



Original Color
5242961

Achromatopsia
2171169

Achromatomaly
3282226

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5242961 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 #500051 looks like.

```
.text, #text, p{  
    color:#500051  
}
```

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 #500051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500051
}
```

Border

The CSS property to change the border of an element to Decimal 5242961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

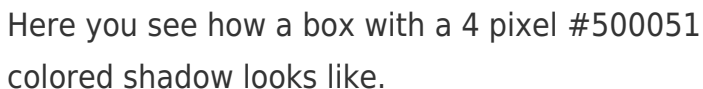
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500051 }
```

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

```
.border{ border-color:#500051 }
```

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



Here you see how a box with a 4 pixel #500051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500051; -webkit-box-shadow:4px 4px  
4px 4px #500051; box-shadow:4px 4px 4px  
4px #500051 }
```

Background

The CSS property to change the background color of an element to Decimal 5242961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500051 }
```

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

```
.background{ background-color:#500051 }
```

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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