

Converting Colors

Decimal(5442871)

Have a look what the booklet for
Decimal(5442871) contains.

Decimal(5442871)	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(5442871)

Conversions

Conversions Part 1

Format	Color
Hex	530D37
RGB	83, 13, 55
RGB Percent	33%, 5%, 22%
CMY	0.6745, 0.9490, 0.7843
CMYK	0.00, 0.84, 0.34, 0.67
HSL	324°, 73%, 19%
HSV	324°, 84%, 33%
XYZ	4.4008, 2.4027, 3.8462
YIQ	38.7180, 28.2380, 27.9020

Conversions

Conversions Part 2

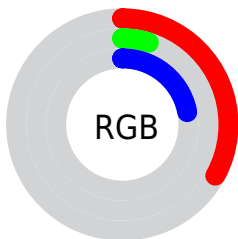
Format	Color
R_{YB}	83, 13, 55
Decimal	5442871
CIE _{Lab}	17.47, 35.26, -7.91
CIE _{LCh}	17, 36.140, 347.355
Yxy	2.4027, 0.4132, 0.2256
Android (android.graphics.Color)	4283632951 (0xFF530D37)
YUV	38.7180, 8.0270, 38.8353
Hunter-Lab	15.5006, 23.5521, -3.8615

Details

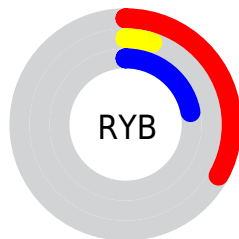
The Decimal color **5442871** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **873257**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **8863846**, and **2359306** is the 20% darker color. If you saturate the color by 10%, you get **5440820**, and if you desaturate by 10%, it is **5444922**.

Distribution



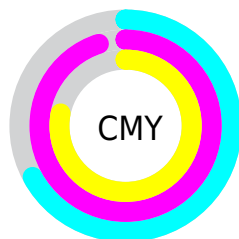
- Red (33%)
- Green (5%)
- Blue (22%)



- Red (33%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (84%)
- Yellow (34%)
- Black (67%)



- Cyan (67%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5442871 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 5442871 by changing the saturation by 10% instead.

■ 5442871

■ 5442871

■ 16776447

■ 3801122

■ 8863846

■ 2359306

■ 10705279

■ 0

■ 12546713

■ 14388660

■ 16295887

■ 16761835

■ 16769023

■ 5442871

■ 5442871

■ 5440820

■ 5444922

■ 5439538

■ 5447230

■ 5449281

■ 5451332

■ 5453384

■ 5455691

■ 5457742

■ 5459794

■ 5462101

Harmonies

Analogous

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



4070478



5442871



5770269

Triad

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



5442871



2633216



13649

Complementary

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



5442871



873257

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.



13882



5442871



275200

Square

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



5442871



4138496



13599



12638

Rectangle

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



5442871



5510155



13599



13898

Sweetspot

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



5442871



7032928



2690387



3548463



11908533



3552822

Same Dimension

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



5442871



7012416



5442836



2696487



6881343



15204491

Inverse Universe

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



5442871



7012416



873292



2696487



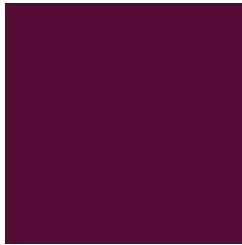
6881343



15204491

Previews

White Background



This preview shows how the Decimal color 5442871 looks on a white background.

Color Contrast Check

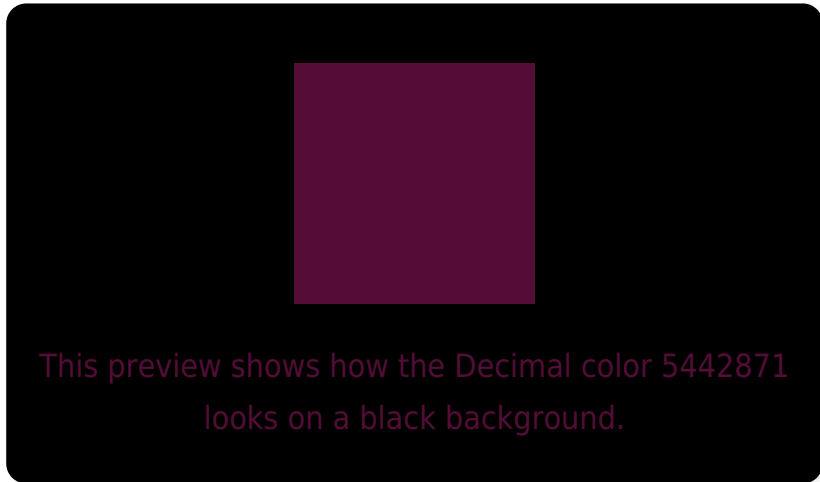
Large Text (above 18pt) WCAG AA ✓ Pass

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

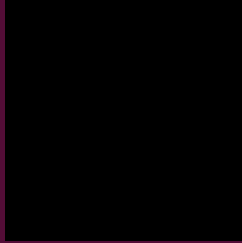
Any Text WCAG AA × Fail

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 5442871 Background



This preview shows how black text looks on a background with the Decimal color 5442871.



This preview shows how white text looks on a background with the Decimal color 5442871.

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
5442871

Protanopia
2108492

Deuteranopia
3091507

Trichromacy



Original Color
5442871

Protanomaly
3350852

Deuteranomaly
3940660

Tritanomaly
5379108

Monochromacy



Original Color
5442871

Achromatopsia
2565927

Achromatomaly
3612205

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5442871 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 #530D37 looks like.

```
.text, #text, p{  
  color:#530D37  
}
```

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 #530D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530D37
}
```

Border

The CSS property to change the border of an element to Decimal 5442871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

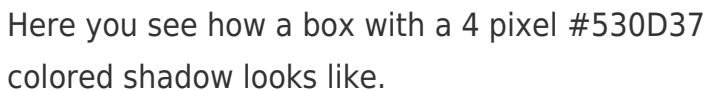
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#530D37 }
```

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

```
.border{ border-color:#530D37 }
```

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



Here you see how a box with a 4 pixel #530D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530D37; -webkit-box-shadow:4px 4px  
4px 4px #530D37; box-shadow:4px 4px 4px  
4px #530D37 }
```

Background

The CSS property to change the background color of an element to Decimal 5442871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530D37 }
```

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

```
.background{ background-color:#530D37 }
```

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