

Converting Colors

Decimal(5318471)

Have a look what the booklet for
Decimal(5318471) contains.

Decimal(5318471)	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(5318471)

Conversions

Conversions Part 1

Format	Color
Hex	512747
RGB	81, 39, 71
RGB Percent	32%, 15%, 28%
CMY	0.6824, 0.8471, 0.7216
CMYK	0.00, 0.52, 0.12, 0.68
HSL	314°, 35%, 24%
HSV	314°, 52%, 32%
XYZ	5.2562, 3.6553, 6.3897
YIQ	55.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

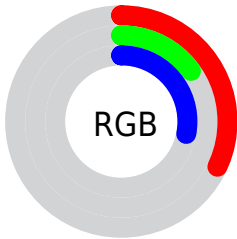
Format	Color
R_{YB}	81, 39, 71
Decimal	5318471
CIE _{Lab}	22.50, 24.56, -11.35
CIE _{LCh}	22, 27.051, 335.201
Yxy	3.6553, 0.3435, 0.2389
Android (android.graphics.Color)	4283508551 (0xFF512747)
YUV	55.2060, 7.7864, 22.6213
Hunter-Lab	19.1188, 15.6156, -6.4322

Details

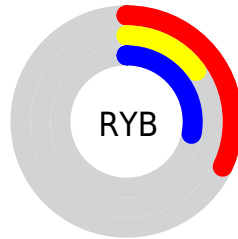
The Decimal color **5318471** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2576689**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **8672887**, and **2424860** is the 20% darker color. If you saturate the color by 10%, you get **5316421**, and if you desaturate by 10%, it is **5320521**.

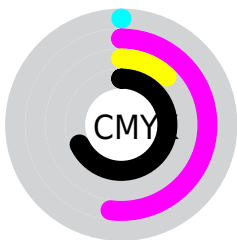
Distribution



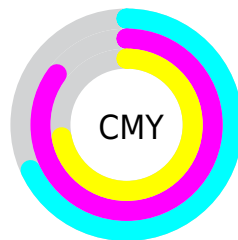
- Red (32%)
- Green (15%)
- Blue (28%)



- Red (32%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (52%)
- Yellow (12%)
- Black (68%)



- Cyan (68%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5318471 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 5318471 by changing the saturation by 10% instead.



5318471



5318471

16777215



3739953



8672887



2424860



10383249



0



12159148



14001095



15908579



16767743



16775167



5318471



5318471

■ 5316421

■ 5320521

■ 5314371

■ 5322571

■ 5312321

■ 5324621

■ 5310271

■ 5326671

■ 5308478

■ 5328977

■ 5331027

■ 5333077

■ 5335126

■ 5337176

Harmonies

Analogous

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



3878743



5318471



5907251

Triad

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



5318471



4011530



16204

Complementary

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



5318471



2576689

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.



16441



5318471



2636563

Square

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



5318471



5123857



474660



15450

Rectangle

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



5318471



5907750



474660



16198

Sweetspot

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



5318471



6903909



3221329



3550003



11908533



3552822

Same Dimension

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



5318471



6891609



5318450



2696488



6881360



15204529

Inverse Universe

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



5318471



6891609



2576710



2696488



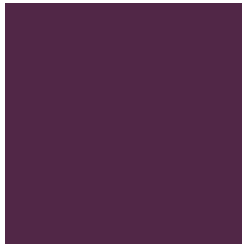
6881360



15204529

Previews

White Background



This preview shows how the Decimal color 5318471 looks on a white background.

Color Contrast Check

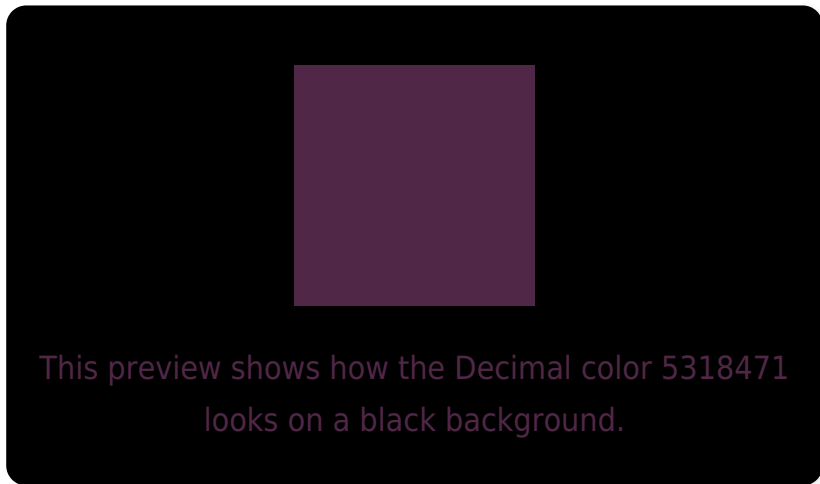
Large Text (above 18pt) WCAG AA ✓ Pass

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

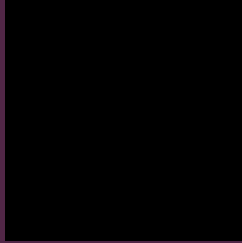
Any Text WCAG AA × Fail

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 5318471 Background



This preview shows how black text looks on a background with the Decimal color 5318471.



This preview shows how white text looks on a background with the Decimal color 5318471.

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
5318471

Protanopia
2897490

Deuteranopia
3421509



Tritanopia
5123120

Trichromacy



Original Color
5318471

Protanomaly
3748174

Deuteranomaly
4141126

Tritanomaly
5188152

Monochromacy



Original Color
5318471

Achromatopsia
3618615

Achromatomaly
4206909

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5318471 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 #512747 looks like.

```
.text, #text, p{  
  color:#512747  
}
```

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 #512747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512747
}
```

Border

The CSS property to change the border of an element to Decimal 5318471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

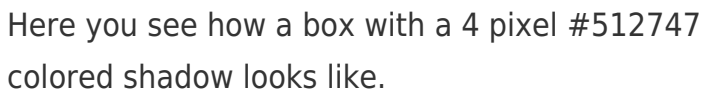
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#512747 }
```

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

```
.border{ border-color:#512747 }
```

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



Here you see how a box with a 4 pixel #512747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512747; -webkit-box-shadow:4px 4px  
4px 4px #512747; box-shadow:4px 4px 4px  
4px #512747 }
```

Background

The CSS property to change the background color of an element to Decimal 5318471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512747 }
```

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

```
.background{ background-color:#512747 }
```

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