

Converting Colors

Decimal(5188937)

Have a look what the booklet for
Decimal(5188937) contains.

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Color

Decimal(5188937)

Conversions

Conversions Part 1

Format	Color
Hex	4F2D49
RGB	79, 45, 73
RGB Percent	31%, 18%, 29%
CMY	0.6902, 0.8235, 0.7137
CMYK	0.00, 0.43, 0.08, 0.69
HSL	311°, 27%, 24%
HSV	311°, 43%, 31%
XYZ	5.3654, 4.0201, 6.7965
YIQ	58.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

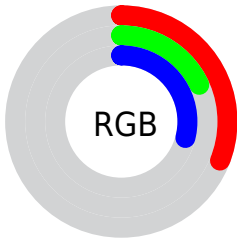
Format	Color
R_{YB}	79, 45, 73
Decimal	5188937
CIE Lab	23.74, 20.52, -10.82
CIE LCh	24, 23.200, 332.193
Yxy	4.0201, 0.3316, 0.2484
Android (android.graphics.Color)	4283379017 (0xFF4F2D49)
YUV	58.3580, 7.2185, 18.1030
Hunter-Lab	20.0501, 12.6791, -6.0627

Details

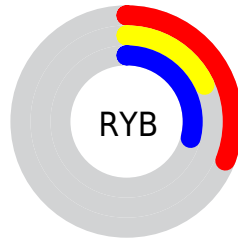
The Decimal color **5188937** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2969395**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **8477818**, and **2293790** is the 20% darker color. If you saturate the color by 10%, you get **5186888**, and if you desaturate by 10%, it is **5190986**.

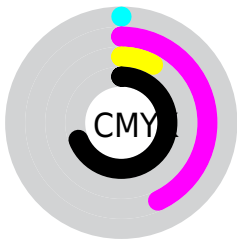
Distribution



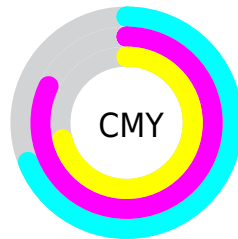
- Red (31%)
- Green (18%)
- Blue (29%)



- Red (31%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (43%)
- Yellow (8%)
- Black (69%)



- Cyan (69%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5188937 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 5188937 by changing the saturation by 10% instead.

■ 5188937

■ 5188937

16777215

■ 3675954

■ 8477818

■ 2293790

■ 10188179

■ 0

■ 11964078

■ 13806025

■ 15713510

■ 16769279

■ 16776703

■ 5188937

■ 5188937

■ 5186888

■ 5190986

■ 5184838

■ 5193036

■ 5182789

■ 5195085

■ 5180739

■ 5197135

■ 5178946

■ 5199184

■ 5177409

■ 5200977

■ 5203027

■ 5205076

■ 5207126

Harmonies

Analogous

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



3879766



5188937



5777976

Triad

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



5188937



4339733



16714

Complementary

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



5188937



2969395

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.



16697



5188937



3161370

Square

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



5188937



5255706



1654824



16215

Rectangle

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



5188937



5843756



1654824



16709

Sweetspot

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



5188937



6707556



3353935



3353394



11776947



3355443

Same Dimension

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



5188937



6697309



5188920



2499110



6684756



15073469

Inverse Universe

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



5188937



6697309



2969412



2499110



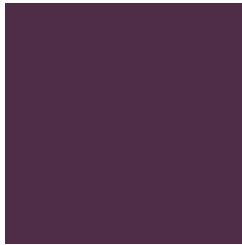
6684756



15073469

Previews

White Background



This preview shows how the Decimal color 5188937 looks on a white background.

Color Contrast Check

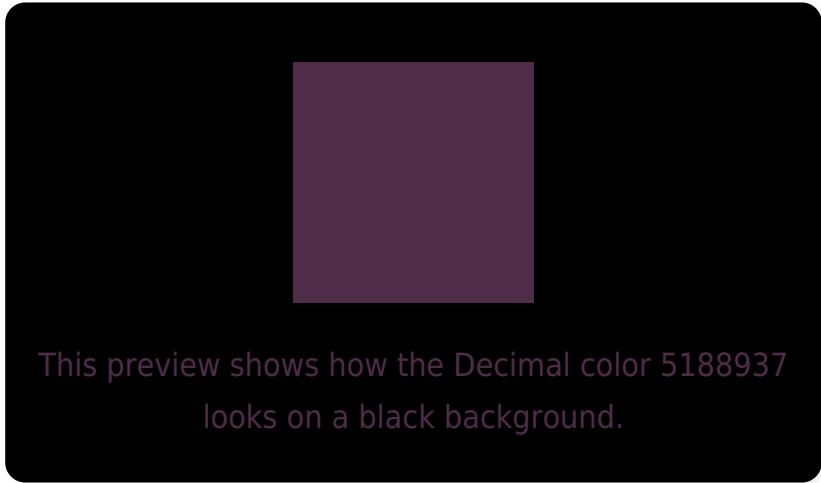
Large Text (above 18pt) WCAG AA ✓ Pass

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

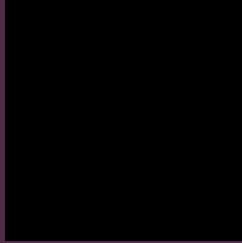
Any Text WCAG AA × Fail

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 5188937 Background



This preview shows how black text looks on a background with the Decimal color 5188937.



This preview shows how white text looks on a background with the Decimal color 5188937.

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
5188937

Protanopia
3225681

Deuteranopia
3618887

Trichromacy



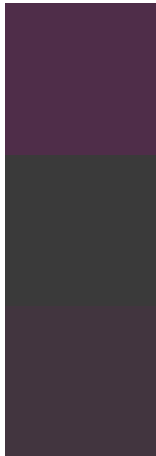
Original Color
5188937

Protanomaly
3945550

Deuteranomaly
4207688

Tritanomaly
5124156

Monochromacy



Original Color
5188937

Achromatopsia
3815994

Achromatomaly
4339007

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5188937 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 #4F2D49 looks like.

```
.text, #text, p{  
  color:#4F2D49  
}
```

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 #4F2D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2D49
}
```

Border

The CSS property to change the border of an element to Decimal 5188937 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".

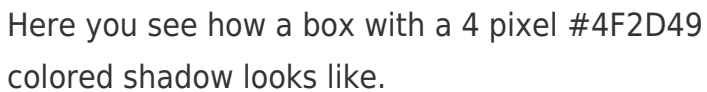
```
.border, #border, table{ border:4px solid
#4F2D49 }
```

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

```
.border{ border-color:#4F2D49 }
```

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

Here you see how a box with a 4 pixel #4F2D49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2D49; -webkit-box-shadow:4px 4px  
4px 4px #4F2D49; box-shadow:4px 4px 4px  
4px #4F2D49 }
```

Background

The CSS property to change the background color of an element to Decimal 5188937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2D49 }
```

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

```
.background{ background-color:#4F2D49 }
```

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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