

Converting Colors

Decimal(5847937)

Have a look what the booklet for
Decimal(5847937) contains.

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Color

Decimal(5847937)

Conversions

Conversions Part 1

Format	Color
Hex	593B81
RGB	89, 59, 129
RGB Percent	35%, 23%, 51%
CMY	0.6510, 0.7686, 0.4941
CMYK	0.31, 0.54, 0.00, 0.49
HSL	266°, 37%, 37%
HSV	266°, 54%, 51%
XYZ	9.6462, 6.8368, 21.5801
YIQ	75.9500, -4.5900, 28.1300

Conversions

Conversions Part 2

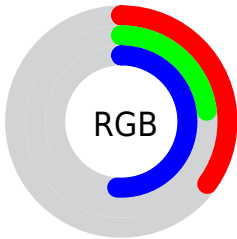
Format	Color
R_{YB}	89, 59, 129
Decimal	5847937
CIE _{Lab}	31.43, 28.78, -34.83
CIE _{LCh}	31, 45.178, 309.565
Yxy	6.8368, 0.2534, 0.1796
Android (android.graphics.Color)	4284038017 (0xFF593B81)
YUV	75.9500, 26.1536, 11.4448
Hunter-Lab	26.1472, 20.0947, -30.6309

Details

The Decimal color **5847937** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6521147**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **9268150**, and **2559567** is the 20% darker color. If you saturate the color by 10%, you get **5385857**, and if you desaturate by 10%, it is **6310017**.

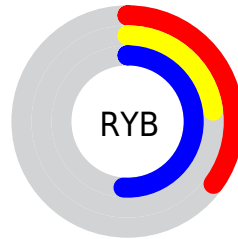
Distribution



Red (35%)

Green (23%)

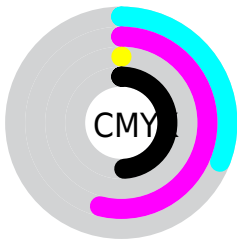
Blue (51%)



Red (35%)

Yellow (23%)

Blue (51%)

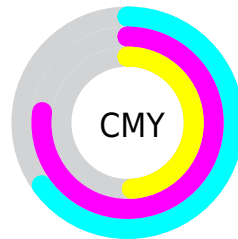


Cyan (31%)

Magenta (54%)

Yellow (0%)

Black (49%)



Cyan (65%)

Magenta (77%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5847937 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 5847937 by changing the saturation by 10% instead.

■ 5847937

■ 5847937

16777215

■ 4203624

■ 9268150

■ 2559567

■ 11044306

■ 1245240

■ 12885999

■ 545

■ 14793471

■ 7

■ 16701183

■ 0

■ 16774143

■ 5847937

■ 5847937

■ 5385857

■ 6310017

■ 4858241

■ 6837633

■ 4396161

■ 7299713

■ 3934081

■ 7761793

■ 3604609

■ 8289409

■ 8751233

■ 9278849

■ 9740929

■ 10203009

Harmonies

Analogous

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



19344



5847937



8137315

Triad

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



5847937



7159552



23125

Complementary

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



5847937



6521147

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.



22576



5847937



5262336

Square

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



5847937



8531742



2642955



22902

Rectangle

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



5847937



8856396



2642955



23112

Sweetspot

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



5847937



10063272



3892353



4932692



13948116



5526612

Same Dimension

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



5847937



6962088



8076161



3946816



3604608



0

Inverse Universe

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



8469347



11025273



4292923



4208957



8388681



0

Previews

White Background



This preview shows how the Decimal color 5847937 looks on a white background.

Color Contrast Check

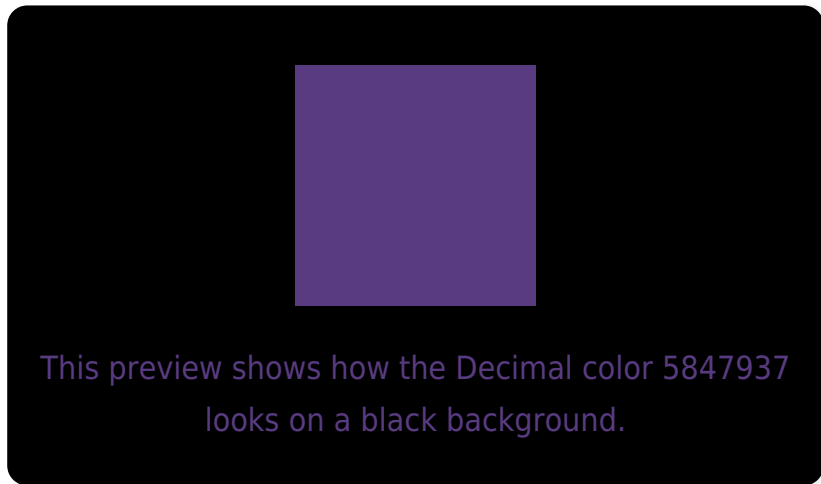
Large Text (above 18pt) WCAG AA ✓ Pass

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

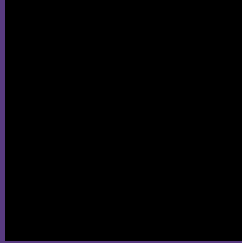
Any Text WCAG AA × Fail

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 5847937 Background



This preview shows how black text looks on a background with the Decimal color 5847937.



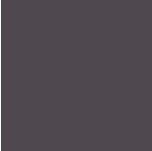
This preview shows how white text looks on a background with the Decimal color 5847937.

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
5195854

Trichromacy



Original Color
5847937

Protanomaly
3621769

Deuteranomaly
3753343

Tritanomaly
5456737

Monochromacy



Original Color
5847937

Achromatopsia
5000268

Achromatomaly
5326431

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5847937 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 #593B81 looks like.

```
.text, #text, p{  
    color:#593B81  
}
```

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 #593B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593B81
}
```

Border

The CSS property to change the border of an element to Decimal 5847937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

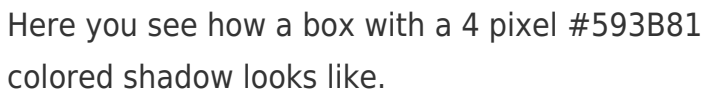
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#593B81 }
```

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

```
.border{ border-color:#593B81 }
```

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



Here you see how a box with a 4 pixel #593B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593B81; -webkit-box-shadow:4px 4px  
4px 4px #593B81; box-shadow:4px 4px 4px  
4px #593B81 }
```

Background

The CSS property to change the background color of an element to Decimal 5847937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593B81 }
```

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

```
.background{ background-color:#593B81 }
```

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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