

Converting Colors

Decimal(5838977)

Have a look what the booklet for
Decimal(5838977) contains.

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Color

Decimal(5838977)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 591881 |
| RGB | 89, 24, 129 |
| RGB Percent | 35%, 9%, 51% |
| CMY | 0.6510, 0.9059, 0.4941 |
| CMYK | 0.31, 0.81, 0.00, 0.49 |
| HSL | 277°, 69%, 30% |
| HSV | 277°, 81%, 51% |
| XYZ | 8.4089, 4.3621, 21.1676 |
| YIQ | 55.4050, 5.0350, 46.4350 |

Conversions

Conversions Part 2

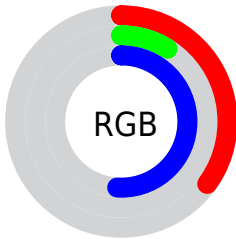
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 89, 24, 129 |
| Decimal | 5838977 |
| CIE _{Lab} | 24.83, 46.79, -45.46 |
| CIE _{LCh} | 25, 65.231, 315.825 |
| Yxy | 4.3621, 0.2478, 0.1285 |
| Android (android.graphics.Color) | 4284029057 (0xFF591881) |
| YUV | 55.4050, 36.2823, 29.4628 |
| Hunter-Lab | 20.8856, 35.3173, -45.4707 |

Details

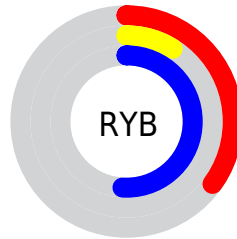
The Decimal color **5838977** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4227352**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **9391287**, and **2359375** is the 20% darker color. If you saturate the color by 10%, you get **5507969**, and if you desaturate by 10%, it is **6169985**.

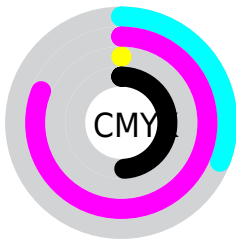
Distribution



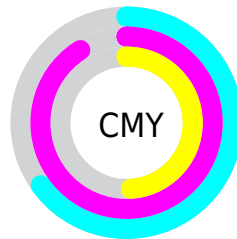
- Red (35%)
- Green (9%)
- Blue (51%)



- Red (35%)
- Yellow (9%)
- Blue (51%)



- Cyan (31%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (65%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5838977 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 5838977 by changing the saturation by 10% instead.

■ 5838977

■ 5838977

16777215

■ 4128871

■ 9391287

■ 2359375

■ 11232979

■ 327735

■ 13074671

■ 545

■ 14982143

■ 5

■ 16758527

■ 0

■ 16765695

■ 16773119

■ 5838977

■ 5838977

■ 5507969

■ 6169985

■ 5243009

■ 6500993

■ 6832001

■ 7163009

■ 7494017

■ 7759233

■ 8090241

■ 8421249

■ 8752257

Harmonies

Analogous

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



14748



5838977



8585300

Triad

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



5838977



6041600



19797

Complementary

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



5838977



4227352

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.



19489



5838977



3227904

Square

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



5838977



8128000



18688



19842

Rectangle

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



5838977



9109556



18688



19780

Sweetspot

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



5838977



10059944



1589377



4930644



13948116



5526612

Same Dimension

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



5838977



6882216



8460405



4012352



5177472



0

Inverse Universe

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



8460352



11010882



1605924



4208956



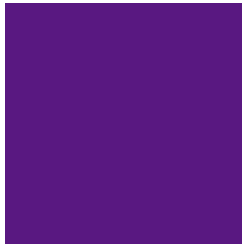
8388657



0

Previews

White Background



This preview shows how the Decimal color 5838977 looks on a white background.

Color Contrast Check

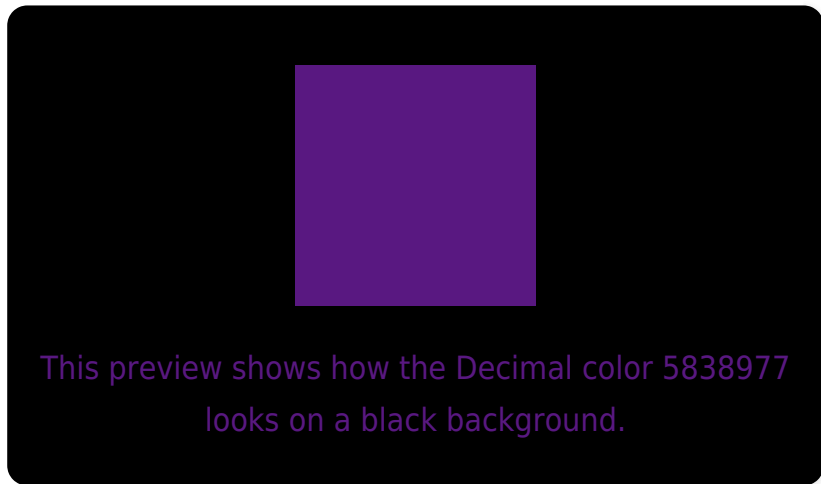
Large Text (above 18pt) WCAG AA ✓ Pass

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

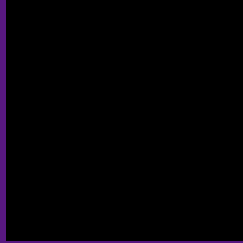
Any Text WCAG AA × Fail

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 5838977 Background



This preview shows how black text looks on a background with the Decimal color 5838977.



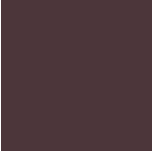
This preview shows how white text looks on a background with the Decimal color 5838977.

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
4994618

Trichromacy



Original Color
5838977

Protanomaly
2109053

Deuteranomaly
2109555

Tritanomaly
5319508

Monochromacy



Original Color
5838977

Achromatopsia
3618615

Achromatomaly
4402258

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5838977 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 #591881 looks like.

```
.text, #text, p{  
  color:#591881  
}
```

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 #591881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591881
}
```

Border

The CSS property to change the border of an element to Decimal 5838977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

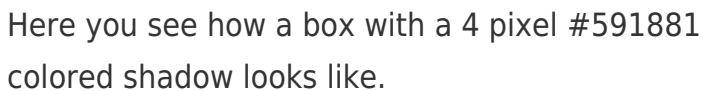
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#591881 }
```

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

```
.border{ border-color:#591881 }
```

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



Here you see how a box with a 4 pixel #591881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591881; -webkit-box-shadow:4px 4px  
4px 4px #591881; box-shadow:4px 4px 4px  
4px #591881 }
```

Background

The CSS property to change the background color of an element to Decimal 5838977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591881 }
```

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

```
.background{ background-color:#591881 }
```

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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