

Converting Colors

Decimal(5251933)

Have a look what the booklet for
Decimal(5251933) contains.

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Color

Decimal(5251933)

Conversions

Conversions Part 1

Format	Color
Hex	50235D
RGB	80, 35, 93
RGB Percent	31%, 14%, 36%
CMY	0.6863, 0.8627, 0.6353
CMYK	0.14, 0.62, 0.00, 0.64
HSL	287°, 45%, 25%
HSV	287°, 62%, 36%
XYZ	5.8851, 3.6979, 10.7595
YIQ	55.0670, 8.2020, 27.5780

Conversions

Conversions Part 2

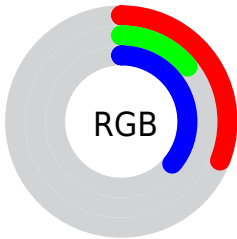
Format	Color
RYB	80, 35, 93
Decimal	5251933
CIELab	22.65, 31.23, -25.83
CIElCh	23, 40.528, 320.401
Yxy	3.6979, 0.2893, 0.1818
Android (android.graphics.Color)	4283442013 (0xFF50235D)
YUV	55.0670, 18.7010, 21.8662
Hunter-Lab	19.2298, 20.9759, -19.7132

Details

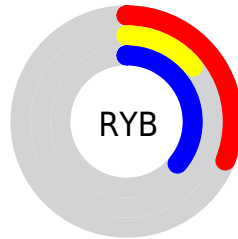
The Decimal color **5251933** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3169571**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **8606352**, and **2293807** is the 20% darker color. If you saturate the color by 10%, you get **5118557**, and if you desaturate by 10%, it is **5385309**.

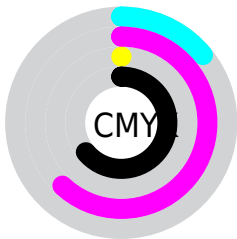
Distribution



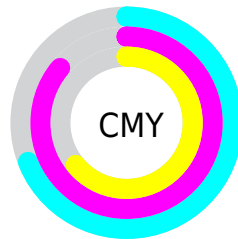
- Red (31%)
- Green (14%)
- Blue (36%)



- Red (31%)
- Yellow (14%)
- Blue (36%)



- Cyan (14%)
- Magenta (62%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5251933 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 5251933 by changing the saturation by 10% instead.

■ 5251933

■ 5251933

16777215

■ 3672901

■ 8606352

■ 2293807

■ 10382250

■ 281

■ 12158406

■ 0

■ 14000354

■ 15907839

■ 16766975

■ 16774143

■ 5251933

■ 5251933

■ 5118557

■ 5385309

■ 4984925

■ 5518941

■ 4851549

■ 5652317

■ 4718685

■ 5785693

■ 5919325

■ 6118237

■ 6251613

■ 6384989

■ 6518621

Harmonies

Analogous

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



1782383



5251933



6689601

Triad

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



5251933



4993280



17226

Complementary

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



5251933



3169571

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.



17195



5251933



3160832

Square

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



5251933



6300420



16395



16996

Rectangle

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



5251933



7016749



16395



17216

Sweetspot

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



5251933



7561592



2306397



3813181



12434877



4013373

Same Dimension

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



5251933



6561400



6103886



2959662



5570670



12058861

Inverse Universe

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



6103856



7872050



2317618



3025194



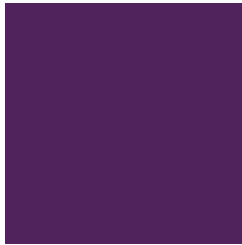
7208985



15532085

Previews

White Background



This preview shows how the Decimal color 5251933 looks on a white background.

Color Contrast Check

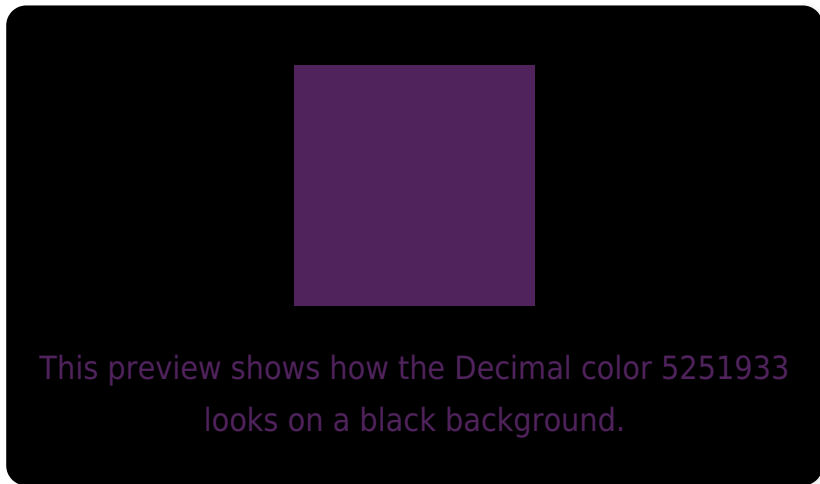
Large Text (above 18pt) WCAG AA ✓ Pass

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

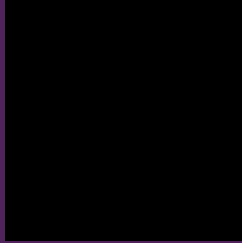
Any Text WCAG AA × Fail

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 5251933 Background



This preview shows how black text looks on a background with the Decimal color 5251933.



This preview shows how white text looks on a background with the Decimal color 5251933.

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](#).

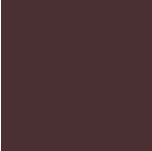
Dichromacy



Original Color
5251933

Protanopia
865647

Deuteranopia
2242393



Tritanopia
4861747

Trichromacy



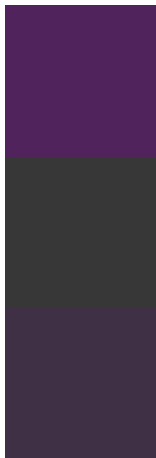
Original Color
5251933

Protanomaly
2436712

Deuteranomaly
3354714

Tritanomaly
4991810

Monochromacy



Original Color
5251933

Achromatopsia
3618615

Achromatomaly
4206661

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5251933 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 #50235D looks like.

```
.text, #text, p{  
  color:#50235D  
}
```

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 #50235D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50235D
}
```

Border

The CSS property to change the border of an element to Decimal 5251933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

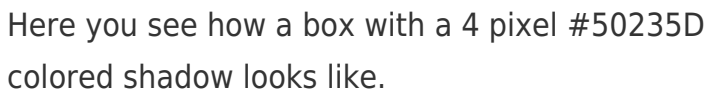
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50235D }
```

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

```
.border{ border-color:#50235D }
```

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



Here you see how a box with a 4 pixel #50235D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50235D; -webkit-box-shadow:4px 4px  
4px 4px #50235D; box-shadow:4px 4px 4px  
4px #50235D }
```

Background

The CSS property to change the background color of an element to Decimal 5251933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50235D }
```

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

```
.background{ background-color:#50235D }
```

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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