

Converting Colors

Decimal(2293831)

Have a look what the booklet for
Decimal(2293831) contains.

Decimal(2293831)	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(2293831)

Conversions

Conversions Part 1

Format	Color
Hex	230047
RGB	35, 0, 71
RGB Percent	14%, 0%, 28%
CMY	0.8627, 1.0000, 0.7216
CMYK	0.51, 1.00, 0.00, 0.72
HSL	270°, 100%, 14%
HSV	270°, 100%, 28%
XYZ	1.8305, 0.8123, 6.0215
YIQ	18.5590, -1.9310, 29.5010

Conversions

Conversions Part 2

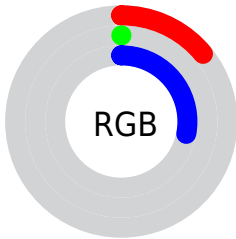
Format	Color
R_{YB}	35, 0, 71
Decimal	2293831
CIE Lab	7.34, 33.43, -35.96
CIE LCh	7, 49.101, 312.912
Yxy	0.8123, 0.2113, 0.0937
Android (android.graphics.Color)	4280483911 (0xFF230047)
YUV	18.5590, 25.8534, 14.4188
Hunter-Lab	9.0125, 20.4819, -33.3046

Details

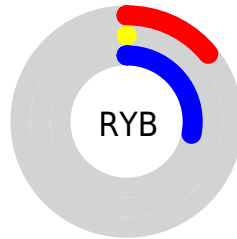
The Decimal color **2293831** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2377472**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **5582200**, and **282** is the 20% darker color. If you saturate the color by 10%, you get **2293831**, and if you desaturate by 10%, it is **2557767**.

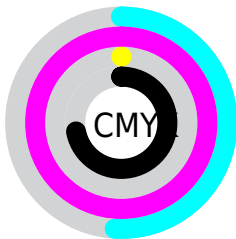
Distribution



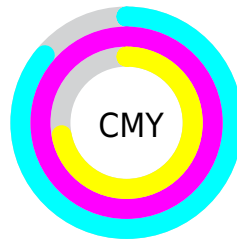
- Red (14%)
- Green (0%)
- Blue (28%)



- Red (14%)
- Yellow (0%)
- Blue (28%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (86%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2293831 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 2293831 by changing the saturation by 10% instead.



2293831



2293831



16770047



720944



5582200



282



7292306



0



9002413



10778569



12620261



14527743



16435199



2293831

■ 2557767

■ 2756167

■ 3020103

■ 3218503

■ 3482695

■ 3746631

■ 3945031

■ 4208967

■ 4407367

Harmonies

Analogous

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



6232



2293831



4390954

Triad

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



2293831



2886912



8740

Complementary

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



2293831



2377472

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.



8448



2293831



858624

Square

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



2293831



4128768



8448



9283

Rectangle

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



2293831



4784149



8448



8729

Sweetspot

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



2293831



5128284



9543



2497838



11382189



3026478

Same Dimension

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



2293831



2949212



4587591



2236452



3211363



7340259

Inverse Universe

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



4653092



6029359



83712



2367522



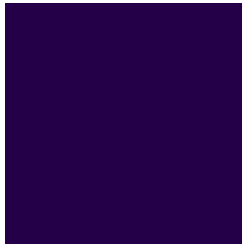
6488114



14876787

Previews

White Background



This preview shows how the Decimal color 2293831 looks on a white background.

Color Contrast Check

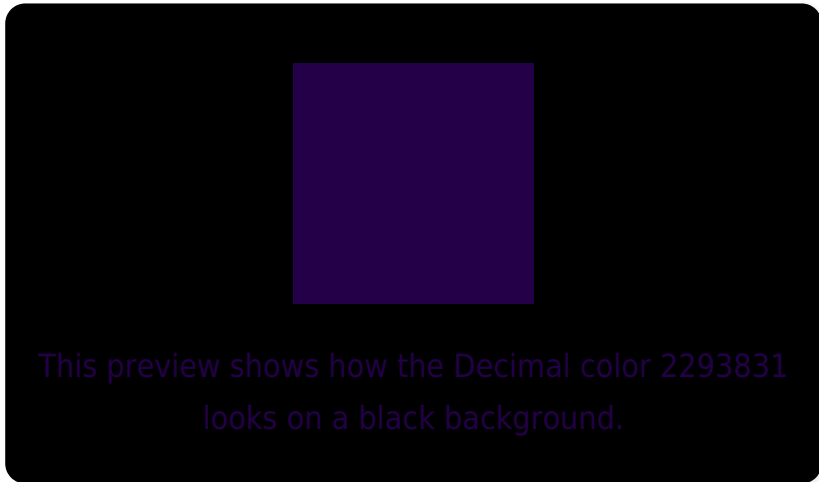
Large Text (above 18pt) WCAG AA ✓ Pass

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

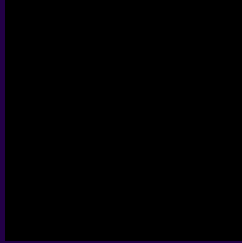
Any Text WCAG AA × Fail

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 2293831 Background



This preview shows how black text looks on a background with the Decimal color 2293831.



This preview shows how white text looks on a background with the Decimal color 2293831.

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](#).

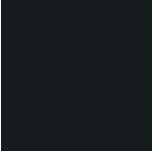
Dichromacy



Original Color
2293831

Protanopia
6711

Deuteranopia
7215



Tritanopia
1514526

Trichromacy



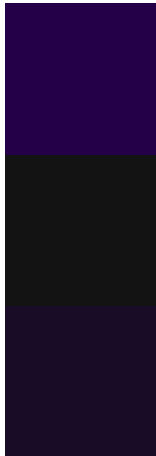
Original Color
2293831

Protanomaly
856381

Deuteranomaly
856632

Tritanomaly
1774125

Monochromacy



Original Color
2293831

Achromatopsia
1250067

Achromatomaly
1641510

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2293831 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 #230047 looks like.

```
.text, #text, p{  
  color:#230047  
}
```

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 #230047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230047
}
```

Border

The CSS property to change the border of an element to Decimal 2293831 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
#230047 }
```

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

```
.border{ border-color:#230047 }
```

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

Here you see how a box with a 4 pixel #230047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230047; -webkit-box-shadow:4px 4px  
4px 4px #230047; box-shadow:4px 4px 4px  
4px #230047 }
```

Background

The CSS property to change the background color of an element to Decimal 2293831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230047 }
```

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

```
.background{ background-color:#230047 }
```

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