

Converting Colors

Decimal(2956083)

Have a look what the booklet for
Decimal(2956083) contains.

Decimal(2956083)	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(2956083)

Conversions

Conversions Part 1

Format	Color
Hex	2D1B33
RGB	45, 27, 51
RGB Percent	18%, 11%, 20%
CMY	0.8235, 0.8941, 0.8000
CMYK	0.12, 0.47, 0.00, 0.80
HSL	285°, 31%, 15%
HSV	285°, 47%, 20%
XYZ	2.0717, 1.5808, 3.3279
YIQ	35.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

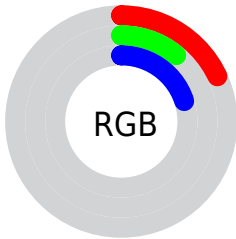
Format	Color
R_{YB}	45, 27, 51
Decimal	2956083
CIE _{Lab}	13.11, 14.18, -12.34
CIE _{LCh}	13, 18.798, 318.980
Yxy	1.5808, 0.2968, 0.2265
Android (android.graphics.Color)	4281146163 (0xFF2D1B33)
YUV	35.1180, 7.8298, 8.6665
Hunter-Lab	12.5729, 7.4093, -6.8924

Details

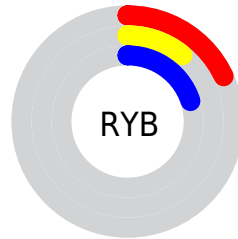
The Decimal color **2956083** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2175771**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **5982049**, and **1** is the 20% darker color. If you saturate the color by 10%, you get **2889267**, and if you desaturate by 10%, it is **3022899**.

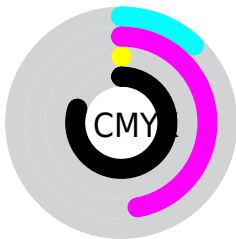
Distribution



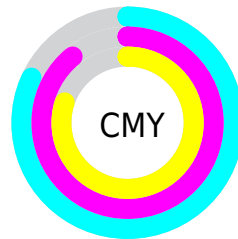
- Red (18%)
- Green (11%)
- Blue (20%)



- Red (18%)
- Yellow (11%)
- Blue (20%)



- Cyan (12%)
- Magenta (47%)
- Yellow (0%)
- Black (80%)



- Cyan (82%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2956083 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 2956083 by changing the saturation by 10% instead.

■ 2956083

■ 2956083

16777215

■ 1704478

■ 5982049

■ 1

■ 7626618

■ 0

■ 9336724

■ 11047343

■ 12889290

■ 14731238

■ 16573439

■ 2956083

■ 2956083

■ 2889267

■ 3022899

■ 2756915

■ 3155251

■ 2690099

■ 3222067

■ 2623283

■ 3288883

■ 2556467

■ 3355955

■ 2490419

■ 3488307

■ 3555123

■ 3621939

■ 3688755

Harmonies

Analogous

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



1712186



2956083



3610407

Triad

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



2956083



3022594



10282

Complementary

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



2956083



2175771

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.



10268



2956083



2237444

Square

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



2956083



3545613



1189391



10037

Rectangle

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



2956083



3806750



1189391



10277

Sweetspot

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



2956083



4208962



1777971



2104353



10592673



2171169

Same Dimension

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



2956083



3743042



3349293



1644314



4391001



10682585

Inverse Universe

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



3349281



4332838



1782561



1709848



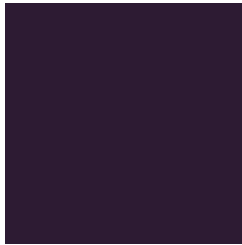
5832726



14221366

Previews

White Background



This preview shows how the Decimal color 2956083 looks on a white background.

Color Contrast Check

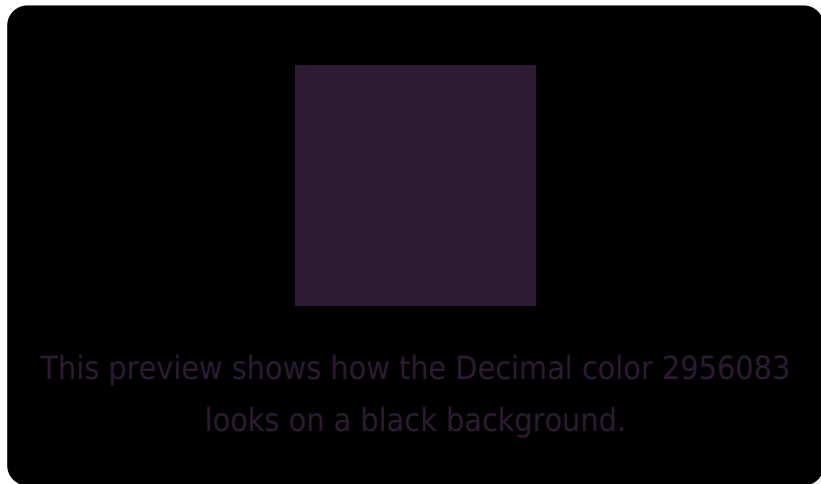
Large Text (above 18pt) WCAG AA ✓ Pass

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

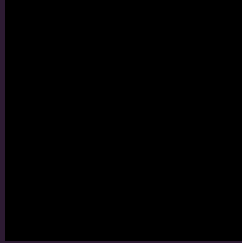
Any Text WCAG AA × Fail

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 2956083 Background



This preview shows how black text looks on a background with the Decimal color 2956083.



This preview shows how white text looks on a background with the Decimal color 2956083.

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](#).

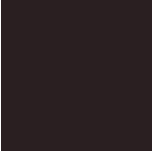
Dichromacy



Original Color
2956083

Protanopia
1646905

Deuteranopia
1843762



Tritanopia
2760481

Trichromacy



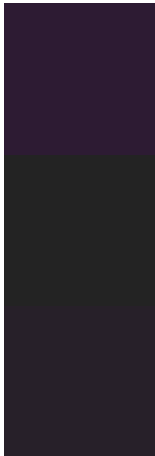
Original Color
2956083

Protanomaly
2105143

Deuteranomaly
2236210

Tritanomaly
2825768

Monochromacy



Original Color
2956083

Achromatopsia
2302755

Achromatomaly
2564137

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2956083 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 #2D1B33 looks like.

```
.text, #text, p{  
  color:#2D1B33  
}
```

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 #2D1B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1B33
}
```

Border

The CSS property to change the border of an element to Decimal 2956083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

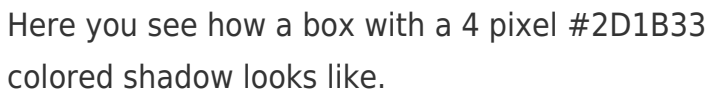
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1B33 }
```

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

```
.border{ border-color:#2D1B33 }
```

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



Here you see how a box with a 4 pixel #2D1B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1B33; -webkit-box-shadow:4px 4px  
4px 4px #2D1B33; box-shadow:4px 4px 4px  
4px #2D1B33 }
```

Background

The CSS property to change the background color of an element to Decimal 2956083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1B33 }
```

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

```
.background{ background-color:#2D1B33 }
```

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