

Converting Colors

Decimal(2829380)

Have a look what the booklet for
Decimal(2829380) contains.

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Color

Decimal(2829380)

Conversions

Conversions Part 1

Format	Color
Hex	2B2C44
RGB	43, 44, 68
RGB Percent	17%, 17%, 27%
CMY	0.8314, 0.8275, 0.7333
CMYK	0.37, 0.35, 0.00, 0.73
HSL	238°, 23%, 22%
HSV	238°, 37%, 27%
XYZ	2.9403, 2.7323, 5.8413
YIQ	46.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

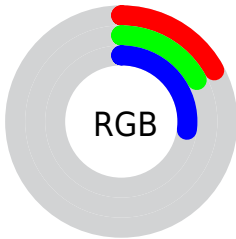
Format	Color
R_{YB}	43, 44, 68
Decimal	2829380
CIE _{Lab}	18.94, 6.36, -15.19
CIE _{LCh}	19, 16.471, 292.730
Yxy	2.7323, 0.2554, 0.2373
Android (android.graphics.Color)	4281019460 (0xFF2B2C44)
YUV	46.4370, 10.6306, -3.0142
Hunter-Lab	16.5297, 2.8249, -9.3811




Details

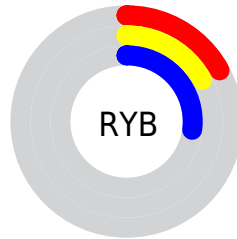
The Decimal color **2829380** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4473643**, and the grayscale version is **3026478**.




A 20% lighter version of the original color is **5855604**, and **25** is the 20% darker color. If you saturate the color by 10%, you get **2368836**, and if you desaturate by 10%, it is **3289924**.

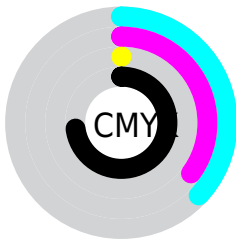
Distribution







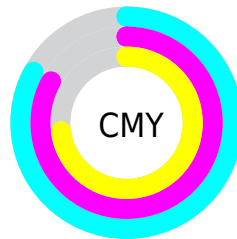
-  Red (17%)
-  Green (17%)
-  Blue (27%)






-  Red (17%)
-  Yellow (17%)
-  Blue (27%)



-  Cyan (37%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (83%)
-  Magenta (83%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2829380 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 2829380 by changing the saturation by 10% instead.

■ 2829380

■ 2829380

16777215

■ 1382446

■ 5855604

■ 25

■ 7500430

■ 0

■ 9210792

■ 10921668

■ 12763616

■ 14605820

■ 16447999

■ 2829380

■ 2829380

■ 2368836

■ 3289924

■ 1908548

■ 3750212

■ 1513540

■ 4145220

■ 1053252

■ 4605508

■ 592708

■ 5066052

■ 132420

■ 5526340

■ 836

■ 5986884

■ 6381636

■ 6842180

Harmonies

Analogous

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



1454150



2829380



3811389

Triad

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



2829380



4270107



930859

Complementary

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



2829380



4473643

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.



2044703



2829380



3681302

Square

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



2829380



4531493



2961431



13367

Rectangle

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



2829380



4269365



2961431



1324071

Sweetspot

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



2829380



5197913



2835523



2631726



11382189



3026478

Same Dimension

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



2829380



3290201



3550020



1973793



1121



2528

Inverse Universe

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



4467500



5845556



3753003



2170398



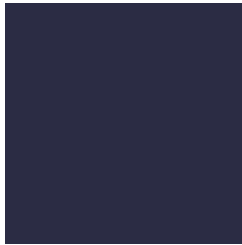
6356996



14680073

Previews

White Background



This preview shows how the Decimal color 2829380 looks on a white background.

Color Contrast Check

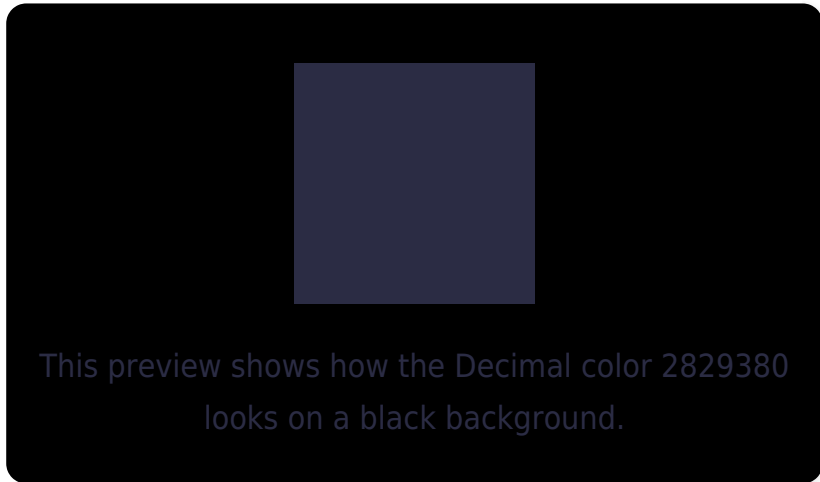
Large Text (above 18pt) WCAG AA ✓ Pass

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

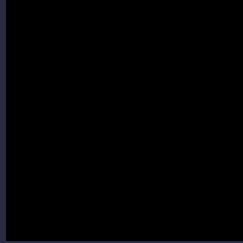
Any Text WCAG AA × Fail

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 2829380 Background



This preview shows how black text looks on a background with the Decimal color 2829380.



This preview shows how white text looks on a background with the Decimal color 2829380.

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
2829380

Protanopia
2501957

Deuteranopia
2436676



Tritanopia
2567987

Trichromacy



Original Color

2829380

Protanomaly

2633029

Deuteranomaly

2567492

Tritanomaly

2633273

Monochromacy



Original Color

2829380

Achromatopsia

3026478

Achromatomaly

2960694

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2829380 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 #2B2C44 looks like.

```
.text, #text, p{  
  color:#2B2C44  
}
```

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 #2B2C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2C44
}
```

Border

The CSS property to change the border of an element to Decimal 2829380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

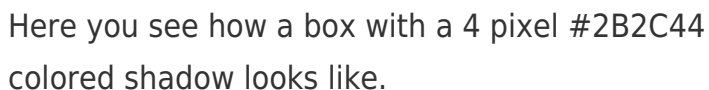
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2C44 }
```

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

```
.border{ border-color:#2B2C44 }
```

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



Here you see how a box with a 4 pixel #2B2C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2C44; -webkit-box-shadow:4px 4px  
4px 4px #2B2C44; box-shadow:4px 4px 4px  
4px #2B2C44 }
```

Background

The CSS property to change the background color of an element to Decimal 2829380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2C44 }
```

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

```
.background{ background-color:#2B2C44 }
```

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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