

Converting Colors

Decimal(2828380)

Have a look what the booklet for
Decimal(2828380) contains.

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Color

Decimal(2828380)

Conversions

Conversions Part 1

Format	Color
Hex	2B285C
RGB	43, 40, 92
RGB Percent	17%, 16%, 36%
CMY	0.8314, 0.8431, 0.6392
CMYK	0.53, 0.57, 0.00, 0.64
HSL	243°, 39%, 26%
HSV	243°, 57%, 36%
XYZ	3.6868, 2.8039, 10.4721
YIQ	46.8250, -14.9040, 16.8080

Conversions

Conversions Part 2

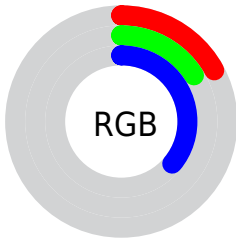
Format	Color
R_{YB}	43, 40, 92
Decimal	2828380
CIE _{Lab}	19.24, 17.36, -30.87
CIE _{LCh}	19, 35.417, 299.342
Yxy	2.8039, 0.2173, 0.1653
Android (android.graphics.Color)	4281018460 (0xFF2B285C)
YUV	46.8250, 22.2713, -3.3545
Hunter-Lab	16.7448, 9.9982, -25.3583

Details

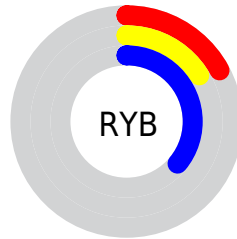
The Decimal color **2828380** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5856296**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **6116751**, and **46** is the 20% darker color. If you saturate the color by 10%, you get **2236252**, and if you desaturate by 10%, it is **3420508**.

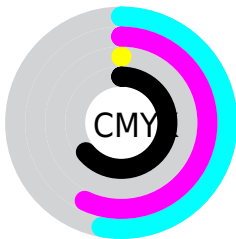
Distribution



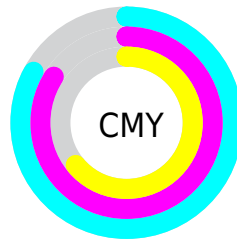
- Red (17%)
- Green (16%)
- Blue (36%)



- Red (17%)
- Yellow (16%)
- Blue (36%)



- Cyan (53%)
- Magenta (57%)
- Yellow (0%)
- Black (64%)



- Cyan (83%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2828380 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 2828380 by changing the saturation by 10% instead.

■ 2828380

■ 2828380

16777215

■ 1119300

■ 6116751

■ 46

■ 7761321

■ 280

■ 9537477

■ 0

■ 11313633

■ 13155582

■ 14997759

■ 16774399

■ 2828380

■ 2828380

■ 2236252

■ 3420508

■ 1709660

■ 3947100

■ 1117276

■ 4539484

■ 525148

■ 5131612

■ 327772

■ 5658204

■ 6250332

■ 6842460

■ 7369308

■ 7961436

Harmonies

Analogous

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



12899



2828380



4987721

Triad

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



2828380



5120768



14893

Complementary

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



2828380



5856296

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.



14354



2828380



3878144

Square

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



2828380



5903895



2241536



14919

Rectangle

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



2828380



5772089



2241536



14884

Sweetspot

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



2828380



6644600



2644316



3289405



12434877



4013373

Same Dimension

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



2828380



2827896



4532316



2763054



393326



917741

Inverse Universe

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



6039641



7874163



4152360



3025198



7209063



15532255

Previews

White Background



This preview shows how the Decimal color 2828380 looks on a white background.

Color Contrast Check

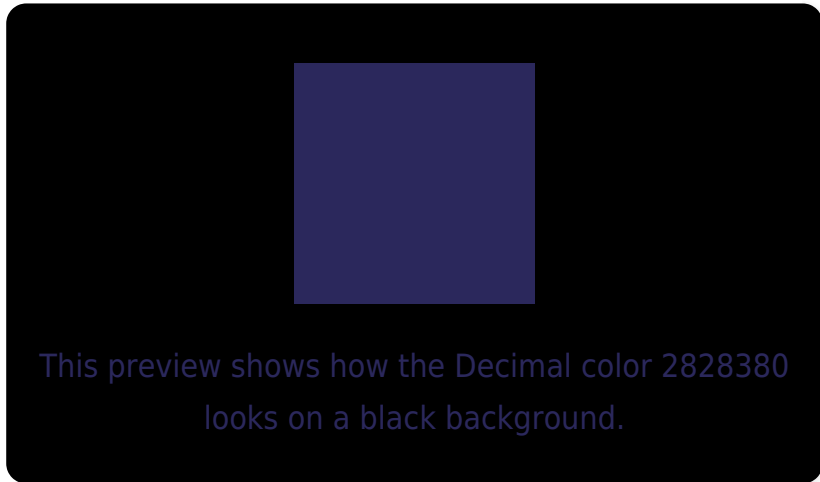
Large Text (above 18pt) WCAG AA ✓ Pass

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

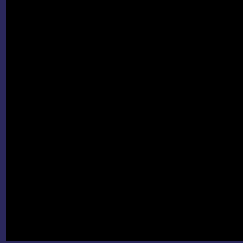
Any Text WCAG AA × Fail

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 2828380 Background



This preview shows how black text looks on a background with the Decimal color 2828380.

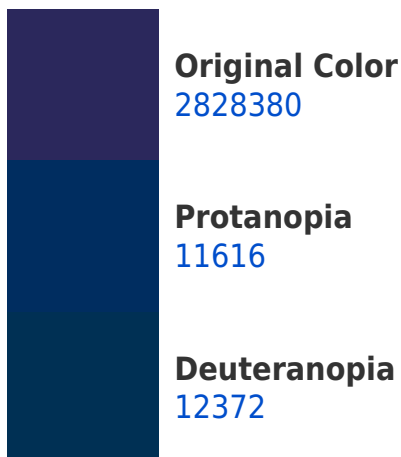


This preview shows how white text looks on a background with the Decimal color 2828380.

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
1978934

Trichromacy



Original Color
2828380

Protanomaly
1059679

Deuteranomaly
1060183

Tritanomaly
2305604

Monochromacy



Original Color
2828380

Achromatopsia
3092271

Achromatomaly
3025983

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2828380 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 #2B285C looks like.

```
.text, #text, p{  
  color:#2B285C  
}
```

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 #2B285C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B285C
}
```

Border

The CSS property to change the border of an element to Decimal 2828380 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".

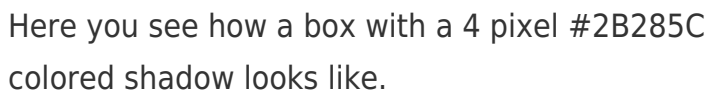
```
.border, #border, table{ border:4px solid
#2B285C }
```

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

```
.border{ border-color:#2B285C }
```

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

Here you see how a box with a 4 pixel #2B285C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B285C; -webkit-box-shadow:4px 4px  
4px 4px #2B285C; box-shadow:4px 4px 4px  
4px #2B285C }
```

Background

The CSS property to change the background color of an element to Decimal 2828380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B285C }
```

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

```
.background{ background-color:#2B285C }
```

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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