

# Converting Colors

Decimal(2688049)

Have a look what the booklet for  
Decimal(2688049) contains.

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**Color**

**Decimal(2688049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	290431
RGB	41, 4, 49
RGB Percent	16%, 2%, 19%
CMY	0.8392, 0.9843, 0.8078
CMYK	0.16, 0.92, 0.00, 0.81
HSL	289°, 85%, 10%
HSV	289°, 92%, 19%
XYZ	1.5122, 0.7800, 2.9766
YIQ	20.1930, 7.6070, 21.8390

# Conversions

## Conversions Part 2

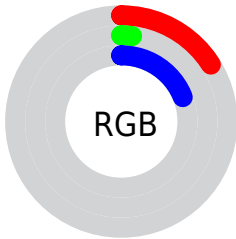
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 4, 49
Decimal	2688049
CIE Lab	7.05, 26.42, -20.51
CIE LCh	7, 33.451, 322.173
Yxy	0.7800, 0.2870, 0.1480
Android (android.graphics.Color)	4280878129 (0xFF290431)
YUV	20.1930, 14.2019, 18.2477
Hunter-Lab	8.8318, 15.1086, -13.8003

# Details

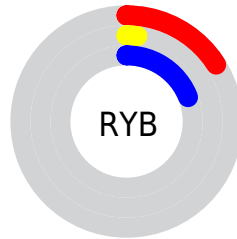
The Decimal color **2688049** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **798980**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **5779808**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2621489**, and if you desaturate by 10%, it is **2754865**.

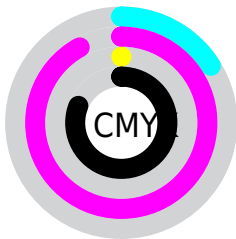
# Distribution



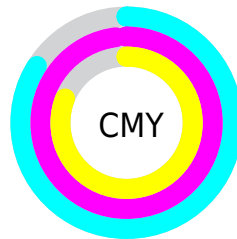
- Red (16%)
- Green (2%)
- Blue (19%)



- Red (16%)
- Yellow (2%)
- Blue (19%)



- Cyan (16%)
- Magenta (92%)
- Yellow (0%)
- Black (81%)



- Cyan (84%)
- Magenta (98%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2688049 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 2688049 by changing the saturation by 10% instead.



■ 2688049

■ 2688049

■ 16770815

■ 1114140

■ 5779808

■ 0

■ 7424120

■ 9134226

■ 10910381

■ 12752072

■ 14594021

■ 16501503

■ 2688049

■ 2688049

■ 2621489

■ 2754865

■ 2821681

■ 2888497

■ 2889777

■ 2956337

■ 3023153

■ 3089969

■ 3156785

■ 3223601

# Harmonies

## Analogous

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



4927



2688049



3670044

# Triad

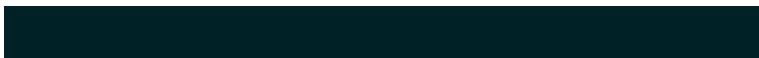
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2688049



2233088



8486

# Complementary

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



2688049



798980

# 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.



8461



2688049



465408

# Square

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



2688049



3212800



7936



7992

# Rectangle

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



2688049



3801098



7936



8478



# Sweetspot

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



2688049



4009536



265265



2037281



10592673



2171169



# Same Dimension

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



2688049



3407936



3212323



1644314



4784217



11665625



# Inverse Universe

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



3212300



4194315



274706



1709847



5832720

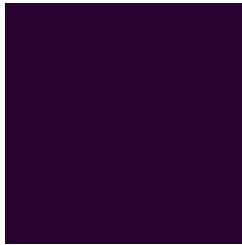


14221351



# Previews

## White Background



This preview shows how the Decimal color 2688049 looks on a white background.

## Color Contrast Check

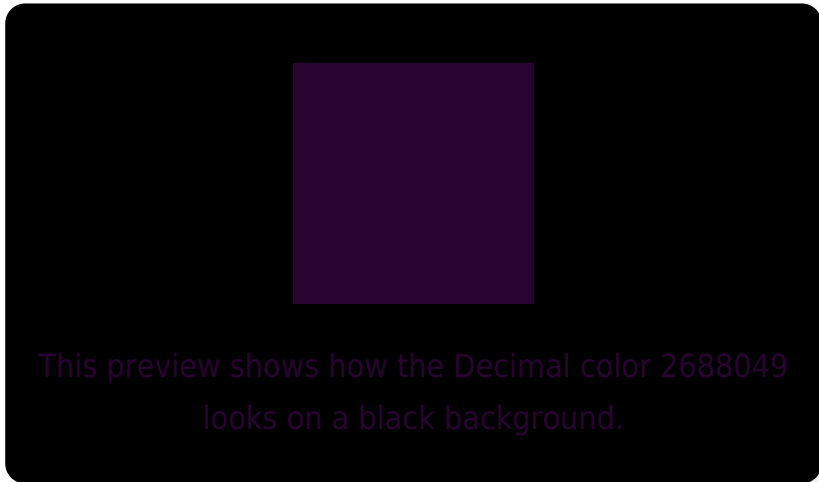
Large Text (above 18pt) WCAG AA ✓ Pass

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

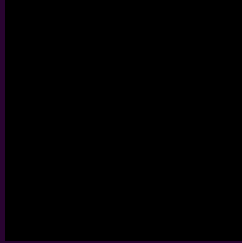
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2688049 Background



This preview shows how black text looks on a background with the Decimal color 2688049.



This preview shows how white text looks on a background with the Decimal color 2688049.

# 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**  
2688049

**Protanopia**  
6195

**Deuteranopia**  
6445



**Tritanopia**  
2429717

# Trichromacy



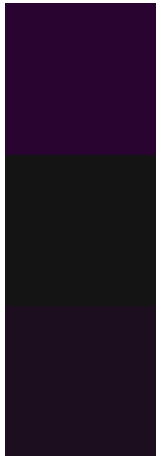
**Original Color**  
2688049

**Protanomaly**  
987442

**Deuteranomaly**  
987438

**Tritanomaly**  
2493983

# Monochromacy



**Original Color**  
2688049

**Achromatopsia**  
1315860

**Achromatomaly**  
1838623

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2688049 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 #290431 looks like.

```
.text, #text, p{  
    color:#290431  
}
```

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 #290431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290431
}
```

## Border

The CSS property to change the border of an element to Decimal 2688049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

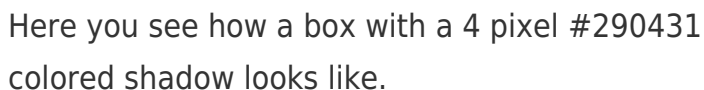
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#290431 }
```

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

```
.border{ border-color:#290431 }
```

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



Here you see how a box with a 4 pixel #290431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290431; -webkit-box-shadow:4px 4px  
4px 4px #290431; box-shadow:4px 4px 4px  
4px #290431 }
```

# Background

The CSS property to change the background color of an element to Decimal 2688049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290431 }
```

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

```
.background{ background-color:#290431 }
```

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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