

# Converting Colors

Decimal(2561329)

Have a look what the booklet for  
Decimal(2561329) contains.

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# Color

**Decimal(2561329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	271531
RGB	39, 21, 49
RGB Percent	15%, 8%, 19%
CMY	0.8471, 0.9176, 0.8078
CMYK	0.20, 0.57, 0.00, 0.81
HSL	279°, 40%, 14%
HSV	279°, 57%, 19%
XYZ	1.6592, 1.1894, 3.0479
YIQ	29.5740, 1.7400, 12.5240

# Conversions

## Conversions Part 2

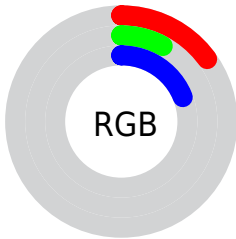
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	39, 21, 49
Decimal	2561329
CIE <sub>Lab</sub>	10.48, 15.57, -15.07
CIE <sub>LCh</sub>	10, 21.672, 315.934
Yxy	1.1894, 0.2814, 0.2017
Android (android.graphics.Color)	4280751409 (0xFF271531)
YUV	29.5740, 9.5770, 8.2666
Hunter-Lab	10.9060, 8.0714, -8.9353

# Details

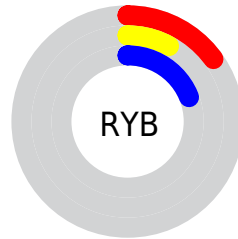
The Decimal color **2561329** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2044181**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **5587039**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2428977**, and if you desaturate by 10%, it is **2693681**.

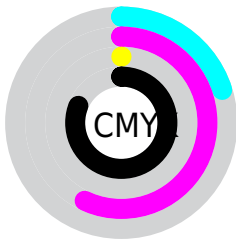
# Distribution



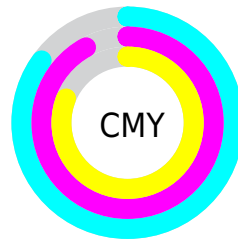
- Red (15%)
- Green (8%)
- Blue (19%)



- Red (15%)
- Yellow (8%)
- Blue (19%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (81%)



- Cyan (85%)
- Magenta (92%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2561329 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 2561329 by changing the saturation by 10% instead.



■ 2561329

■ 2561329

■ 16775167

■ 1376285

■ 5587039

■ 0

■ 7166072

■ 8876178

■ 10586797

■ 12362952

■ 14204900

■ 16112639

■ 2561329

■ 2561329

■ 2428977

■ 2693681

■ 2362161

■ 2826033

■ 2229809

■ 2892849

■ 2097457

■ 3025201

■ 2097201

■ 3157553

■ 3289649

■ 3356465

■ 3488817

■ 3621169

# Harmonies

## Analogous

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



924473



2561329



3346212

# Triad

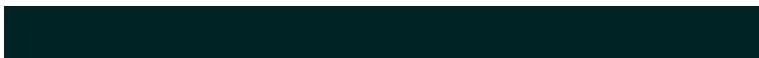
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2561329



2824448



9252

# Complementary

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



2561329



2044181

# 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.



8981



2561329



1973760

# Square

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



2561329



3412737



860417



9009

# Rectangle

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



2561329



3608090



860417



9247



# Sweetspot

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



2561329



3945792



1384241



2038561



10592673



2171169



# Same Dimension

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



2561329



3150912



3216685



1644314



3735641



9109721



# Inverse Universe

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



3216671



4199459



1388825



1709848



5832736

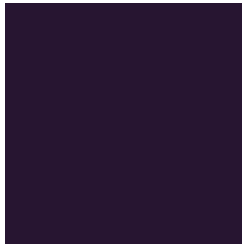


14221389



# Previews

## White Background



This preview shows how the Decimal color 2561329 looks on a white background.

## Color Contrast Check

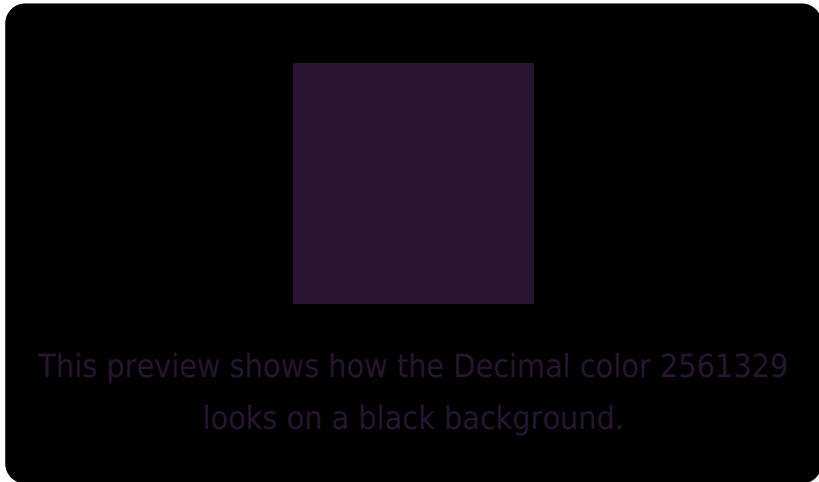
Large Text (above 18pt) WCAG AA ✓ Pass

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

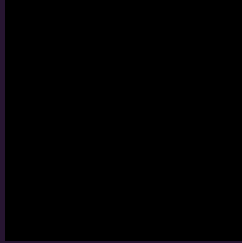
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2561329 Background



This preview shows how black text looks on a background with the Decimal color 2561329.



This preview shows how white text looks on a background with the Decimal color 2561329.

# 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](#).

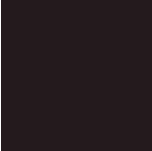
## Dichromacy



**Original Color**  
2561329

**Protanopia**  
859192

**Deuteranopia**  
1187119



**Tritanopia**  
2365981

# Trichromacy



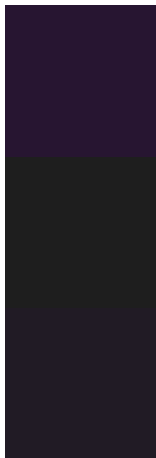
**Original Color**  
2561329

**Protanomaly**  
1448245

**Deuteranomaly**  
1710640

**Tritanomaly**  
2431012

# Monochromacy



**Original Color**  
2561329

**Achromatopsia**  
1973790

**Achromatomaly**  
2169637

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2561329 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 #271531 looks like.

```
.text, #text, p{  
  color:#271531  
}
```

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 #271531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271531
}
```

## Border

The CSS property to change the border of an element to Decimal 2561329 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
#271531 }
```

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

```
.border{ border-color:#271531 }
```

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

Here you see how a box with a 4 pixel #271531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271531; -webkit-box-shadow:4px 4px  
4px 4px #271531; box-shadow:4px 4px 4px  
4px #271531 }
```

# Background

The CSS property to change the background color of an element to Decimal 2561329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271531 }
```

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

```
.background{ background-color:#271531 }
```

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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