

# Converting Colors

Decimal(2827689)

Have a look what the booklet for  
Decimal(2827689) contains.

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# Color

**Decimal(2827689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B25A9
RGB	43, 37, 169
RGB Percent	17%, 15%, 66%
CMY	0.8314, 0.8549, 0.3373
CMYK	0.75, 0.78, 0.00, 0.34
HSL	243°, 64%, 40%
HSV	243°, 78%, 66%
XYZ	8.8193, 4.7013, 37.9787
YIQ	53.8420, -38.7960, 42.3240

# Conversions

## Conversions Part 2

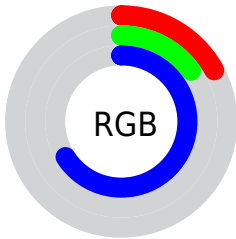
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 37, 169
Decimal	2827689
CIE <sub>Lab</sub>	25.87, 45.90, -68.60
CIE <sub>LCh</sub>	26, 82.543, 303.787
Yxy	4.7013, 0.1713, 0.0913
Android (android.graphics.Color)	4281017769 (0xFF2B25A9)
YUV	53.8420, 56.7729, -9.5084
Hunter-Lab	21.6825, 34.6598, -88.6738

# Details

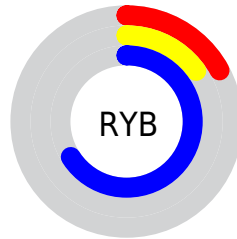
The Decimal color **2827689** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **10725669**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **7165409**, and **115** is the 20% darker color. If you saturate the color by 10%, you get **1774761**, and if you desaturate by 10%, it is **3880617**.

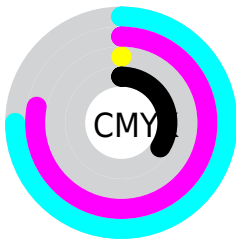
# Distribution



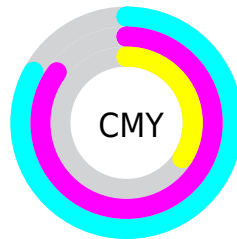
- Red (17%)
- Green (15%)
- Blue (66%)



- Red (17%)
- Yellow (15%)
- Blue (66%)



- Cyan (75%)
- Magenta (78%)
- Yellow (0%)
- Black (34%)



- Cyan (83%)
- Magenta (85%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2827689 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 2827689 by changing the saturation by 10% instead.



 2827689

 2827689

16777215


 3470

 7165409

 115

 9137919

 90

 11110655

 1857

 13083391

 810

 15056639

 276

 16767743

 0

 16774911

 2827689

 2827689

■ 1774761

■ 3880617

■ 721833

■ 4933545

■ 524457

■ 5986473

■ 7104937

■ 8157865

■ 9210537

■ 10263465

■ 11316393

■ 12369321

# Harmonies

## Analogous

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



18112



2827689



8913014

# Triad

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



2827689



7675392



21060

# Complementary

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



2827689



10725669

# 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.



20480



2827689



4537856

# Square

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



2827689



9895936



19200



21379

# Rectangle

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



2827689



10289229



19200



20782



# Sweetspot

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



2827689



11250139



2467241



5263214



15592941



7237230



# Same Dimension

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



2827689



1510875



7021993



5000276



458900



65556



# Inverse Universe

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



11085219



14355922



6531365



5524564



9699469

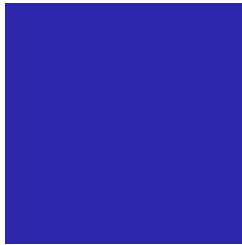


1310739



# Previews

## White Background



This preview shows how the Decimal color 2827689 looks on a white background.

## Color Contrast Check

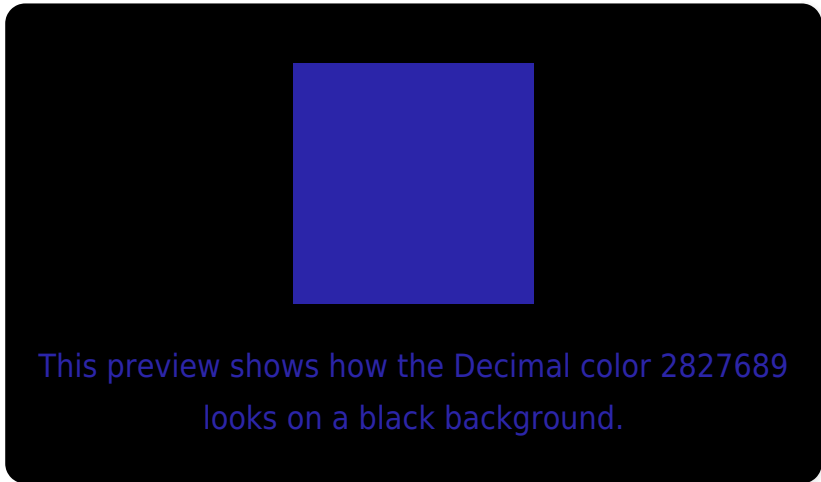
Large Text (above 18pt) WCAG AA ✓ Pass

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

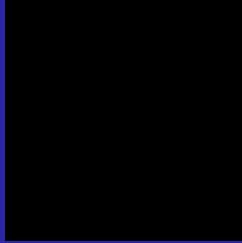
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2827689 Background



This preview shows how black text looks on a background with the Decimal color 2827689.



This preview shows how white text looks on a background with the Decimal color 2827689.

# 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





# Trichromacy



**Original Color**  
2827689

**Protanomaly**  
1061773

**Deuteranomaly**  
1062529

**Tritanomaly**  
1063275

# Monochromacy



**Original Color**  
2827689

**Achromatopsia**  
3552822

**Achromatomaly**  
3289184

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2827689 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 #2B25A9 looks like.

```
.text, #text, p{  
    color:#2B25A9  
}
```

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 #2B25A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B25A9
}
```

## Border

The CSS property to change the border of an element to Decimal 2827689 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".

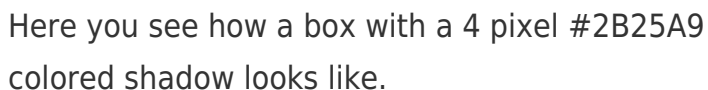
```
.border, #border, table{ border:4px solid
#2B25A9 }
```

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

```
.border{ border-color:#2B25A9 }
```

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

Here you see how a box with a 4 pixel #2B25A9 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B25A9; -webkit-box-shadow:4px 4px  
4px 4px #2B25A9; box-shadow:4px 4px 4px  
4px #2B25A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 2827689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B25A9 }
```

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

```
.background{ background-color:#2B25A9 }
```

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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