

# Converting Colors

Decimal(2752603)

Have a look what the booklet for  
Decimal(2752603) contains.

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# Color

**Decimal(2752603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A005B
RGB	42, 0, 91
RGB Percent	16%, 0%, 36%
CMY	0.8353, 1.0000, 0.6431
CMYK	0.54, 1.00, 0.00, 0.64
HSL	268°, 100%, 18%
HSV	268°, 100%, 36%
XYZ	2.8432, 1.2476, 9.9885
YIQ	22.9320, -4.1790, 37.2050

# Conversions

## Conversions Part 2

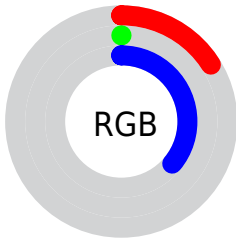
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 0, 91
Decimal	2752603
CIE <sub>Lab</sub>	10.90, 39.25, -43.81
CIE <sub>LCh</sub>	11, 58.823, 311.853
Yxy	1.2476, 0.2019, 0.0886
Android (android.graphics.Color)	4280942683 (0xFF2A005B)
YUV	22.9320, 33.5575, 16.7226
Hunter-Lab	11.1695, 25.8903, -45.2024

# Details

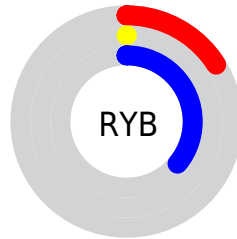
The Decimal color **2752603** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3234560**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **6238606**, and **812** is the 20% darker color. If you saturate the color by 10%, you get **2752603**, and if you desaturate by 10%, it is **3082587**.

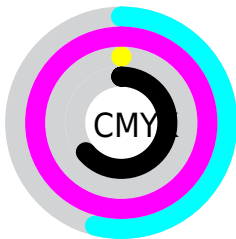
# Distribution



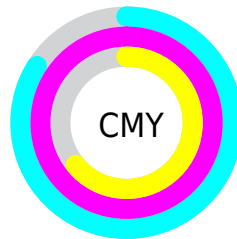
- Red (16%)
- Green (0%)
- Blue (36%)



- Red (16%)
- Yellow (0%)
- Blue (36%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (84%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2752603 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 2752603 by changing the saturation by 10% instead.



 2752603

 2752603

 16771839

 1310787

 6238606

 812

 7948969

 278

 9724869

 0

 11566305

 13473790

 15315711

 16764671

 2752603

■ 3082587

■ 3412571

■ 3742555

■ 4072539

■ 4337243

■ 4667227

■ 4997211

■ 5327195

■ 5657179

# Harmonies

## Analogous

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



8303



2752603



5439543

# Triad

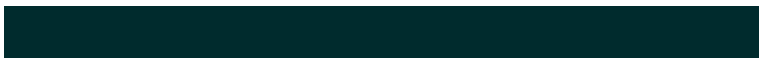
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2752603



3739904



11053

# Complementary

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



2752603



3234560

# 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.



10752



2752603



1515776

# Square

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



2752603



5308416



10240



11604

# Rectangle

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



2752603



6029341



10240



11039



# Sweetspot

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



2752603



6443637



12891



3089979



12237498



3881787



# Same Dimension

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



2752603



3539061



5636187



2828590



3342446



7143661



# Inverse Universe

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



5963825



7667775



350976



3025196



7209019

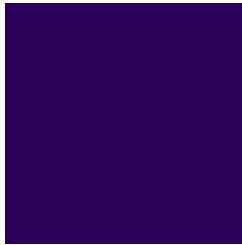


15532160



# Previews

## White Background



This preview shows how the Decimal color 2752603 looks on a white background.

## Color Contrast Check

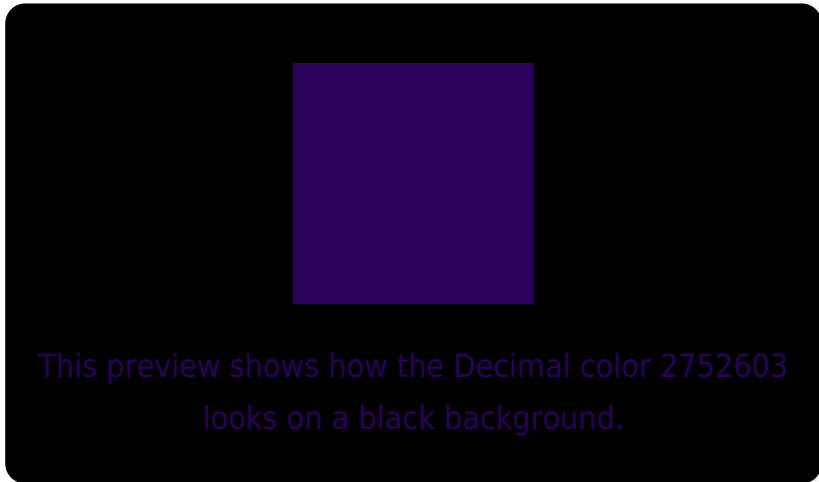
Large Text (above 18pt) WCAG AA ✓ Pass

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

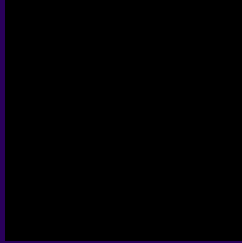
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2752603 Background



This preview shows how black text looks on a background with the Decimal color 2752603.



This preview shows how white text looks on a background with the Decimal color 2752603.

# 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**  
2752603

**Protanopia**  
8516

**Deuteranopia**  
9018



**Tritanopia**  
1647398

# Trichromacy



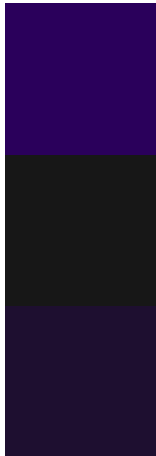
**Original Color**  
2752603

**Protanomaly**  
988492

**Deuteranomaly**  
988742

**Tritanomaly**  
2037305

# Monochromacy



**Original Color**  
2752603

**Achromatopsia**  
1513239

**Achromatomaly**  
1969968

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2752603 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 #2A005B looks like.

```
.text, #text, p{  
  color:#2A005B  
}
```

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 #2A005B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A005B
}
```

## Border

The CSS property to change the border of an element to Decimal 2752603 is called "border". The border property can be set on classes, ids or directly on the HTML element.

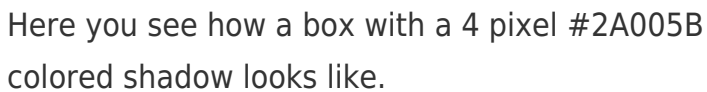
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A005B }
```

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

```
.border{ border-color:#2A005B }
```

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



Here you see how a box with a 4 pixel #2A005B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A005B; -webkit-box-shadow:4px 4px  
4px 4px #2A005B; box-shadow:4px 4px 4px  
4px #2A005B }
```

# Background

The CSS property to change the background color of an element to Decimal 2752603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A005B }
```

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

```
.background{ background-color:#2A005B }
```

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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