

Converting Colors

Decimal(2621599)

Have a look what the booklet for
Decimal(2621599) contains.

Decimal(2621599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2621599)

Conversions

Conversions Part 1

Format	Color
Hex	28009F
RGB	40, 0, 159
RGB Percent	16%, 0%, 62%
CMY	0.8431, 1.0000, 0.3765
CMYK	0.75, 1.00, 0.00, 0.38
HSL	255°, 100%, 31%
HSV	255°, 100%, 62%
XYZ	7.1331, 2.9543, 32.9952
YIQ	30.0860, -27.1990, 57.9290

Conversions

Conversions Part 2

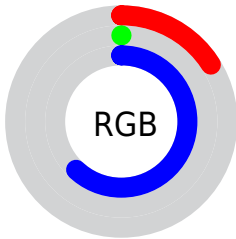
Format	Color
R_{YB}	40, 0, 159
Decimal	2621599
CIE _{Lab}	19.86, 56.33, -72.51
CIE _{LCh}	20, 91.821, 307.845
Yxy	2.9543, 0.1656, 0.0686
Android (android.graphics.Color)	4280811679 (0xFF28009F)
YUV	30.0860, 63.5546, 8.6946
Hunter-Lab	17.1881, 43.9983, -101.7843

Details

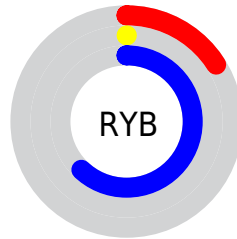
The Decimal color **2621599** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **7839488**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **7027671**, and **106** is the 20% darker color. If you saturate the color by 10%, you get **2621599**, and if you desaturate by 10%, it is **3412127**.

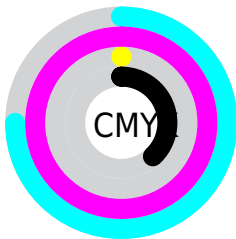
Distribution



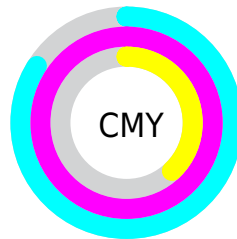
- Red (16%)
- Green (0%)
- Blue (62%)



- Red (16%)
- Yellow (0%)
- Blue (62%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (84%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2621599 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 2621599 by changing the saturation by 10% instead.

 2621599

 2621599

 16775679

 132

 7027671

 106

 9000180

 337

 10972927

 1336

 12945919

 546

 14918911

 8

 16761087

 0

 16768255

 2621599

■ 3412127

■ 4202655

■ 4993183

■ 5783711

■ 6574239

■ 7298975

■ 8089503

■ 8880031

■ 9670559

Harmonies

Analogous

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



14781



2621599



8716389

Triad

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



2621599



6426880



17473

Complementary

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



2621599



7839488

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.



16896



2621599



2896896

Square

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



2621599



8847360



15872



18052

Rectangle

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



2621599



9830457



15872



17193

Sweetspot

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



2621599



10523087



30623



4997993



15263976



6908265

Same Dimension

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



2621599



3408079



7798943



4802383



2359439



262159

Inverse Universe

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



10420343



13566107



2662144



5195597



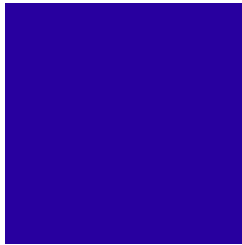
9371755



983051

Previews

White Background



This preview shows how the Decimal color 2621599 looks on a white background.

Color Contrast Check

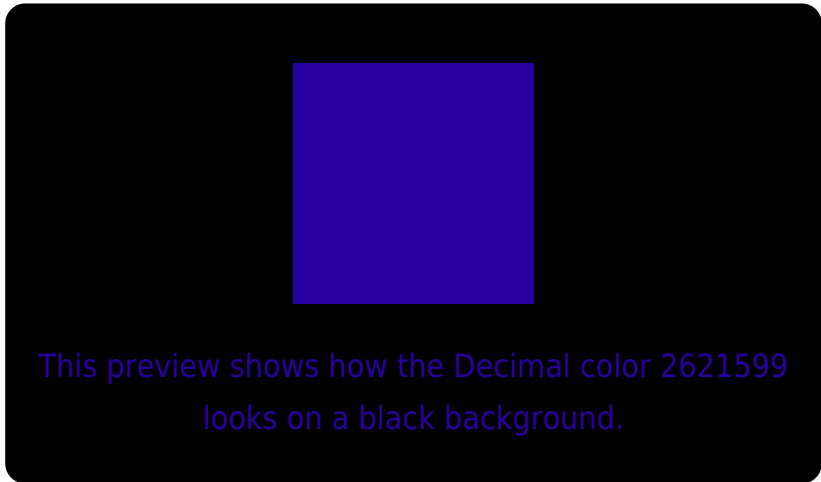
Large Text (above 18pt) WCAG AA ✓ Pass

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

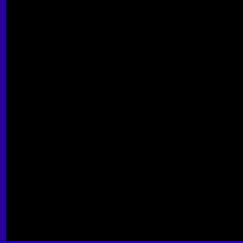
Any Text WCAG AA × Fail

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 2621599 Background



This preview shows how black text looks on a background with the Decimal color 2621599.

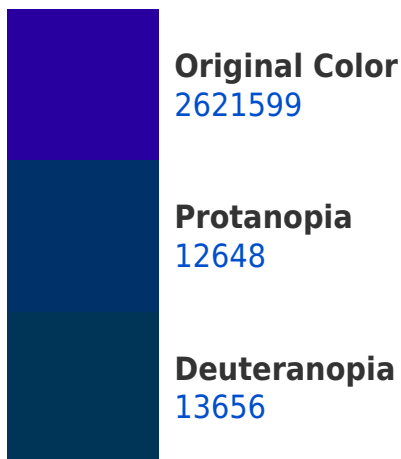


This preview shows how white text looks on a background with the Decimal color 2621599.

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



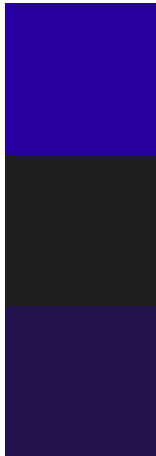
Original Color
2621599

Protanomaly
991100

Deuteranomaly
991858

Tritanomaly
992352

Monochromacy



Original Color
2621599

Achromatopsia
1973790

Achromatomaly
2233165

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2621599 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 #28009F looks like.

```
.text, #text, p{  
    color:#28009F  
}
```

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 #28009F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28009F
}
```

Border

The CSS property to change the border of an element to Decimal 2621599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

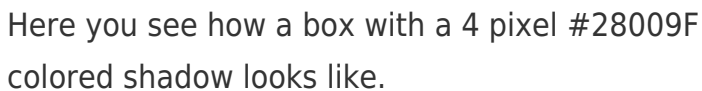
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28009F }
```

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

```
.border{ border-color:#28009F }
```

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



Here you see how a box with a 4 pixel #28009F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28009F; -webkit-box-shadow:4px 4px  
4px 4px #28009F; box-shadow:4px 4px 4px  
4px #28009F }
```

Background

The CSS property to change the background color of an element to Decimal 2621599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28009F }
```

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

```
.background{ background-color:#28009F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor