

# Converting Colors

Decimal(7742299)

Have a look what the booklet for  
Decimal(7742299) contains.

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**Color**

**Decimal(7742299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76235B
RGB	118, 35, 91
RGB Percent	46%, 14%, 36%
CMY	0.5373, 0.8627, 0.6431
CMYK	0.00, 0.70, 0.23, 0.54
HSL	320°, 54%, 30%
HSV	320°, 70%, 46%
XYZ	9.9606, 5.8089, 10.4938
YIQ	66.2010, 31.4920, 35.0120

# Conversions

## Conversions Part 2

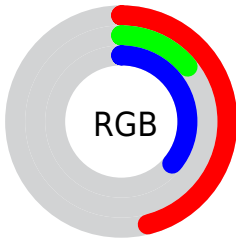
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 35, 91
Decimal	7742299
CIE <sub>Lab</sub>	28.93, 42.09, -14.24
CIE <sub>LCh</sub>	29, 44.432, 341.308
Yxy	5.8089, 0.3793, 0.2212
Android (android.graphics.Color)	4285932379 (0xFF76235B)
YUV	66.2010, 12.2259, 45.4277
Hunter-Lab	24.1018, 31.5909, -8.9433

# Details

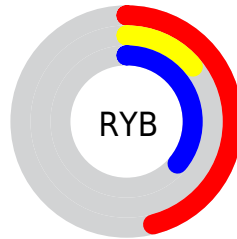
The Decimal color **7742299** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2324030**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **11360141**, and **4325421** is the 20% darker color. If you saturate the color by 10%, you get **7739223**, and if you desaturate by 10%, it is **7745375**.

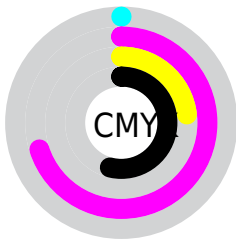
# Distribution



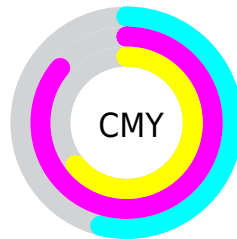
- Red (46%)
- Green (14%)
- Blue (36%)



- Red (46%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (70%)
- Yellow (23%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7742299 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 7742299 by changing the saturation by 10% instead.





7742299



7742299

16777215



6030147



11360141



4325421



13201832



2883609



15109059



0



16754399



16761596



16769023



16776447



7742299



7742299

■ 7739223

■ 7745375

■ 7736147

■ 7748451

■ 7733328

■ 7751271

■ 7754346

■ 7757422

■ 7760498

■ 7763574

■ 7766394

■ 7769470

# Harmonies

## Analogous

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



5584248



7742299



8396089

# Triad

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



7742299



4736768



21361

# Complementary

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



7742299



2324030

# 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.



21585



7742299



2117128

# Square

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



7742299



6633984



21037



20101

# Rectangle

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



7742299



8201507



21037



21351



# Sweetspot

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



7742299



10058127



4006774



5060934



13421772



5066061



# Same Dimension

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



7742299



10033263



7742258



3880249



7995475



16384169



# Inverse Universe

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



7742299



10033263



2324071



3880249



7995475

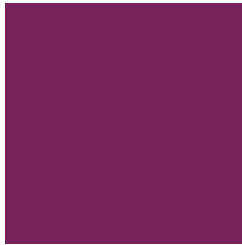


16384169



# Previews

## White Background



This preview shows how the Decimal color 7742299 looks on a white background.

## Color Contrast Check

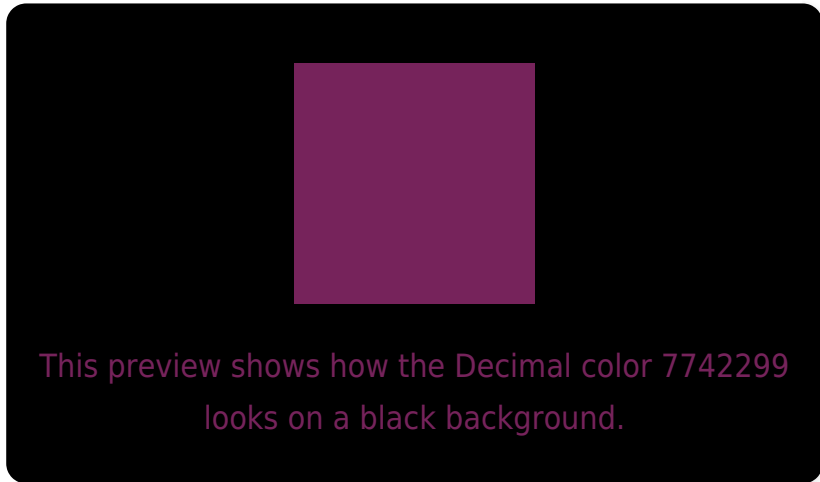
Large Text (above 18pt) WCAG AA ✓ Pass

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

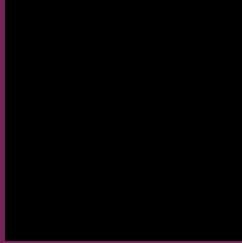
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7742299 Background



This preview shows how black text looks on a background with the Decimal color 7742299.

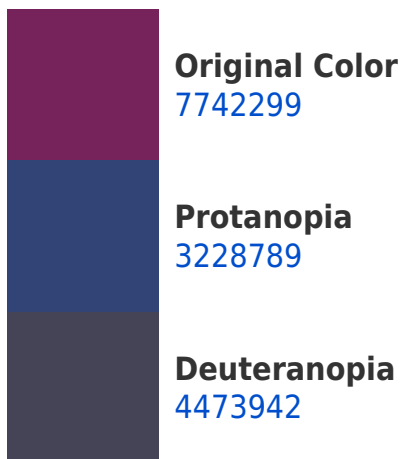



This preview shows how white text looks on a background with the Decimal color 7742299.

# 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





**Tritanopia**  
7483186

# Trichromacy



**Original Color**  
7742299

**Protanomaly**  
4864108

**Deuteranomaly**  
5650520

**Tritanomaly**  
7547713

# Monochromacy



**Original Color**  
7742299

**Achromatopsia**  
4342338

**Achromatomaly**  
5584715

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7742299 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 #76235B looks like.

```
.text, #text, p{  
    color:#76235B  
}
```

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 #76235B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76235B
}
```

## Border

The CSS property to change the border of an element to Decimal 7742299 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
#76235B }
```

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

```
.border{ border-color:#76235B }
```

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

Here you see how a box with a 4 pixel #76235B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76235B; -webkit-box-shadow:4px 4px  
4px 4px #76235B; box-shadow:4px 4px 4px  
4px #76235B }
```

# Background

The CSS property to change the background color of an element to Decimal 7742299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76235B }
```

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

```
.background{ background-color:#76235B }
```

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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