

# Converting Colors

Decimal(7949778)

Have a look what the booklet for  
Decimal(7949778) contains.

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**Color**

**Decimal(7949778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	794DD2
RGB	121, 77, 210
RGB Percent	47%, 30%, 82%
CMY	0.5255, 0.6980, 0.1765
CMYK	0.42, 0.63, 0.00, 0.18
HSL	260°, 60%, 56%
HSV	260°, 63%, 82%
XYZ	22.1719, 14.0258, 62.5114
YIQ	105.3180, -16.4690, 50.6910

# Conversions

## Conversions Part 2

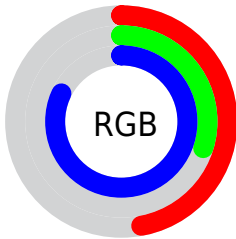
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 77, 210
Decimal	7949778
CIE <sub>Lab</sub>	44.27, 48.01, -62.31
CIE <sub>LCh</sub>	44, 78.661, 307.613
Yxy	14.0258, 0.2246, 0.1421
Android (android.graphics.Color)	4286139858 (0xFF794DD2)
YUV	105.3180, 51.6082, 13.7531
Hunter-Lab	37.4511, 40.1366, -72.7480

# Details

The Decimal color **7949778** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **10932813**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **11763967**, and **4070298** is the 20% darker color. If you saturate the color by 10%, you get **7026898**, and if you desaturate by 10%, it is **8872658**.

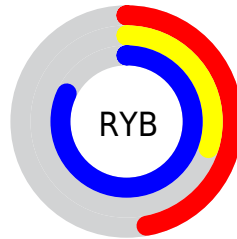
# Distribution



Red (47%)

Green (30%)

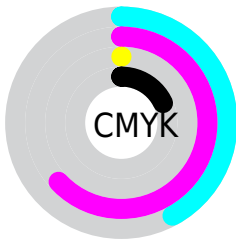
Blue (82%)



Red (47%)

Yellow (30%)

Blue (82%)

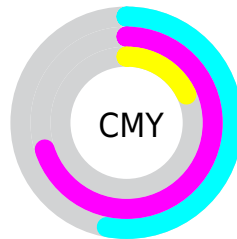


Cyan (42%)

Magenta (63%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (70%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7949778 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 7949778 by changing the saturation by 10% instead.



■ 7949778

■ 7949778

16777215

■ 6042806

■ 11763967

■ 4070298

■ 13671423

■ 1769600

■ 15644415

■ 102

■ 16765695

■ 77

■ 16773119

■ 1333

■ 543

■ 2

■ 0

■ 7949778

■ 7949778

■ 7026898

■ 8872658

■ 6104018

■ 9795538

■ 5181138

■ 10718418

■ 4522194

■ 11641298

■ 12564178

■ 13487058

■ 14409938

■ 15332818

■ 16252882

# Harmonies

## Analogous

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



28141



7949778



12587420

# Triad

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



7949778



10899968



33656

# Complementary

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



7949778



10932813

# 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.



32818



7949778



7433216

# Square

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



7949778



13313051



2062848



33720

# Rectangle

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



7949778



13893745



2062848



33377



# Sweetspot

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



7949778



14667775



5089490



7103104



0



8421504



# Same Dimension

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



7949778



8207871



12209618



6446697



3670184



852009



# Inverse Universe

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



13782438



16727487



6672973



6905445



11010161

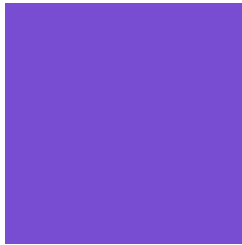


2687003



# Previews

## White Background



This preview shows how the Decimal color 7949778 looks on a white background.

## Color Contrast Check

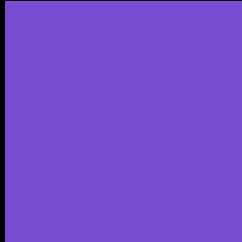
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7949778 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

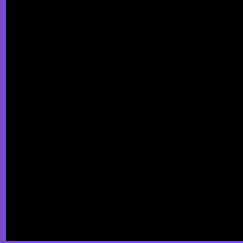
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7949778 Background



This preview shows how black text looks on a background with the Decimal color 7949778.

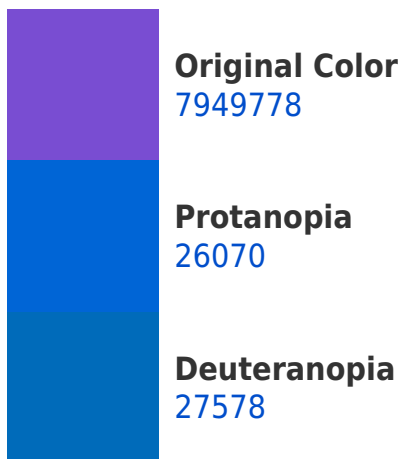


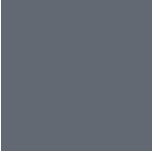
This preview shows how white text looks on a background with the Decimal color 7949778.

# 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**  
6449522

# Trichromacy



**Original Color**

7949778



**Protanomaly**

2907349



**Deuteranomaly**

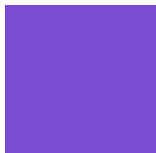
2908355



**Tritanomaly**

6971285

# Monochromacy



**Original Color**

7949778



**Achromatopsia**

6908265



**Achromatomaly**

7298959

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7949778 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 #794DD2 looks like.

```
.text, #text, p{  
    color:#794DD2  
}
```

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 #794DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794DD2
}
```

## Border

The CSS property to change the border of an element to Decimal 7949778 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
#794DD2 }
```

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

```
.border{ border-color:#794DD2 }
```

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

Here you see how a box with a 4 pixel #794DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794DD2; -webkit-box-shadow:4px 4px  
4px 4px #794DD2; box-shadow:4px 4px 4px  
4px #794DD2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7949778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794DD2 }
```

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

```
.background{ background-color:#794DD2 }
```

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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