

# Converting Colors

Decimal(7949432)

Have a look what the booklet for  
Decimal(7949432) contains.

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# Color

**Decimal(7949432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794C78
RGB	121, 76, 120
RGB Percent	47%, 30%, 47%
CMY	0.5255, 0.7020, 0.5294
CMYK	0.00, 0.37, 0.01, 0.53
HSL	301°, 23%, 39%
HSV	301°, 37%, 47%
XYZ	13.8598, 10.5899, 19.0829
YIQ	94.4710, 12.6960, 23.2240

# Conversions

## Conversions Part 2

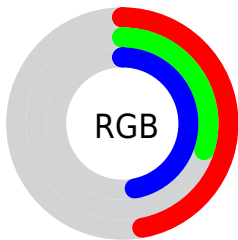
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 76, 120
Decimal	7949432
CIE <sub>Lab</sub>	38.88, 26.62, -17.30
CIE <sub>LCh</sub>	39, 31.747, 326.976
Yxy	10.5899, 0.3184, 0.2433
Android (android.graphics.Color)	4286139512 (0xFF794C78)
YUV	94.4710, 12.5858, 23.2659
Hunter-Lab	32.5421, 19.0748, -11.9885

# Details

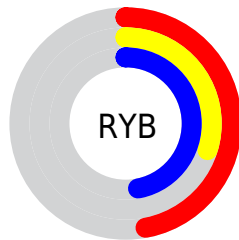
The Decimal color **7949432** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5011789**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **11435692**, and **4660807** is the 20% darker color. If you saturate the color by 10%, you get **7946360**, and if you desaturate by 10%, it is **7952504**.

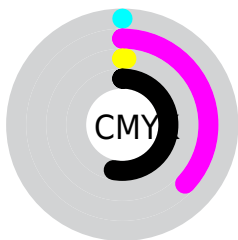
# Distribution



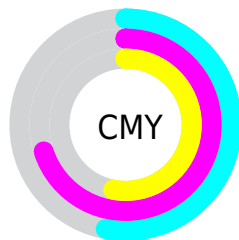
- Red (47%)
- Green (30%)
- Blue (47%)



- Red (47%)
- Yellow (30%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (1%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7949432 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 7949432 by changing the saturation by 10% instead.





7949432



7949432

16777215



6304863



11435692



4660807



13277384



3147569



15119332



1835036



16764927



0



16772095



7949432



7949432



7946360



7952504



7943287



7955577

7940215

7958649

7937143

7961721

7934071

7965049

7930742

7968122

7929974

7971194

7974266

7977338

# Harmonies

## Analogous

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



5854858



7949432



9061983

# Triad

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



7949432



7166247



26738

# Complementary

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



7949432



5011789

# 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.



26968



7949432



5464364

# Square

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



7949432



8474673



3434046



25990

# Rectangle

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



7949432



9193038



3434046



26986



# Sweetspot

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



7949432



10390942



5065849



5195087



13619151



5197647



# Same Dimension

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



7949432



10377117



7949410



4011837



8192122



16515319



# Inverse Universe

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



7949432



10377117



5011811



4011837



8192122

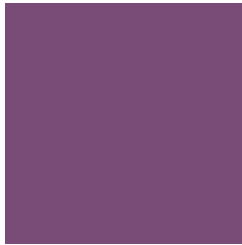


16515319



# Previews

## White Background



This preview shows how the Decimal color 7949432 looks on a white background.

## Color Contrast Check

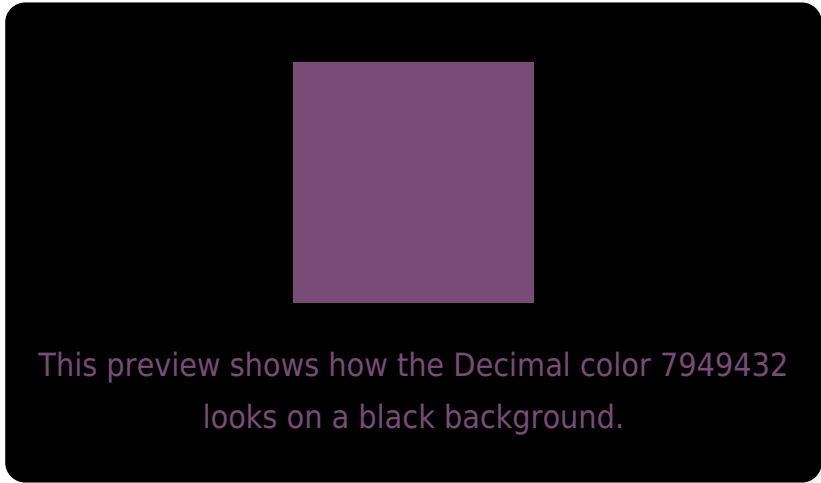
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

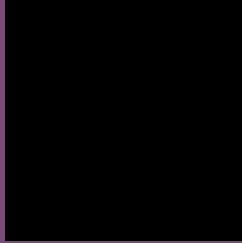
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7949432 Background



This preview shows how black text looks on a background with the Decimal color 7949432.



This preview shows how white text looks on a background with the Decimal color 7949432.

# 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**  
7688793

# Trichromacy



**Original Color**  
7949432

**Protanomaly**  
6182527

**Deuteranomaly**  
6509942

**Tritanomaly**  
7753828

# Monochromacy



**Original Color**  
7949432

**Achromatopsia**  
6184542

**Achromatomaly**  
6838119

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7949432 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 #794C78 looks like.

```
.text, #text, p{  
  color:#794C78  
}
```

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 #794C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794C78
}
```

## Border

The CSS property to change the border of an element to Decimal 7949432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

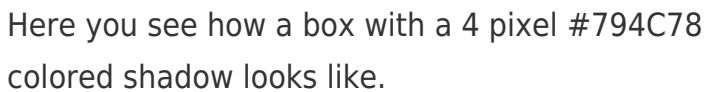
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794C78 }
```

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

```
.border{ border-color:#794C78 }
```

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



Here you see how a box with a 4 pixel #794C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794C78; -webkit-box-shadow:4px 4px  
4px 4px #794C78; box-shadow:4px 4px 4px  
4px #794C78 }
```

# Background

The CSS property to change the background color of an element to Decimal 7949432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794C78 }
```

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

```
.background{ background-color:#794C78 }
```

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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