

# Converting Colors

Decimal(7618218)

Have a look what the booklet for  
Decimal(7618218) contains.

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# Color

**Decimal(7618218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	743EAA
RGB	116, 62, 170
RGB Percent	45%, 24%, 67%
CMY	0.5451, 0.7569, 0.3333
CMYK	0.32, 0.64, 0.00, 0.33
HSL	270°, 47%, 45%
HSV	270°, 64%, 67%
XYZ	16.1808, 10.0605, 39.1193
YIQ	90.4580, -2.4840, 45.0360

# Conversions

## Conversions Part 2

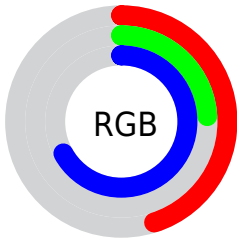
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 62, 170
Decimal	7618218
CIE Lab	37.95, 44.57, -49.16
CIE LCh	38, 66.355, 312.193
Yxy	10.0605, 0.2476, 0.1539
Android (android.graphics.Color)	4285808298 (0xFF743EAA)
YUV	90.4580, 39.2142, 22.4003
Hunter-Lab	31.7183, 35.5528, -50.9215

# Details

The Decimal color **7618218** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7645758**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **11235810**, and **4065653** is the 20% darker color. If you saturate the color by 10%, you get **7024042**, and if you desaturate by 10%, it is **8146858**.

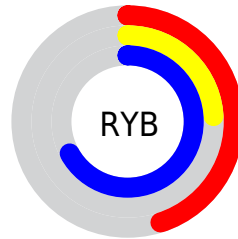
# Distribution



Red (45%)

Green (24%)

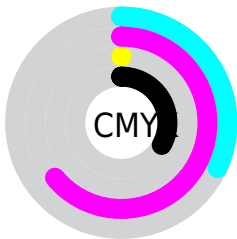
Blue (67%)



Red (45%)

Yellow (24%)

Blue (67%)

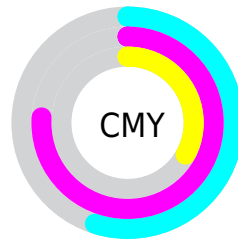


Cyan (32%)

Magenta (64%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (76%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7618218 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 7618218 by changing the saturation by 10% instead.



7618218

7618218

16777215

5842319

11235810

4065653

13143039

2228316

15050495

327747

16761599

812

16768767

278

16776191

0

7618218

7618218

7024042

8146858

6495402

8741034

5901226

9269674

5570730

9863850

10392490

10986666

11515306

12109482

12638122

# Harmonies

## Analogous

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



22980



7618218



10883963

# Triad

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



7618218



8866560



28783

# Complementary

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



7618218



7645758

# 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.



28214



7618218



5922304

# Square

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



7618218



10955536



747776



28577

# Rectangle

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



7618218



11731032



747776



28508



# Sweetspot

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



7618218



13219038



4093098



6510192



15790320



7368816



# Same Dimension

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



7618218



9057758



11157162



5262420



4849812



655380



# Inverse Universe

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



11157108



14562698



4106814



5524560



9699402



1310730



# Previews

## White Background



This preview shows how the Decimal color 7618218 looks on a white background.

## Color Contrast Check

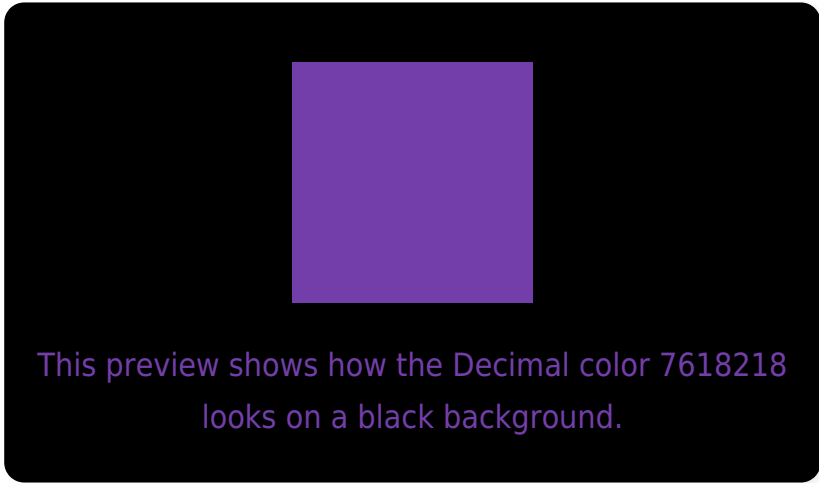
Large Text (above 18pt) WCAG AA ✓ Pass

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 7618218 Background



This preview shows how black text looks on a background with the Decimal color 7618218.

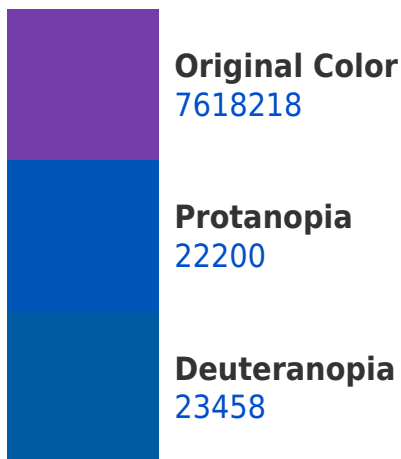



This preview shows how white text looks on a background with the Decimal color 7618218.

# 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](#).

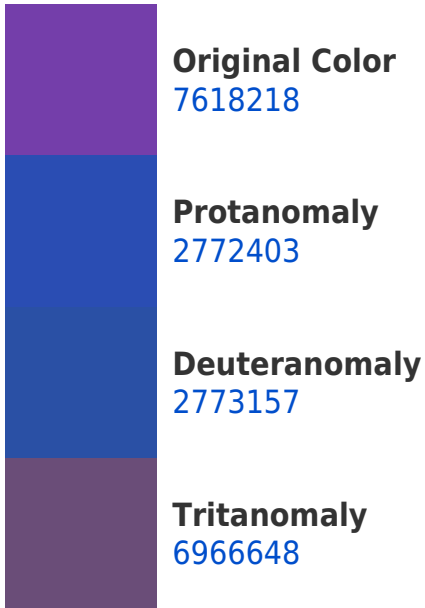
## Dichromacy



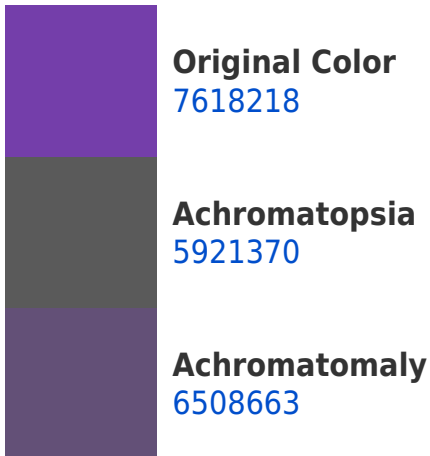


**Tritanopia**  
6640988

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7618218 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 #743EAA looks like.

```
.text, #text, p{  
    color:#743EAA  
}
```

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 #743EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743EAA
}
```

## Border

The CSS property to change the border of an element to Decimal 7618218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

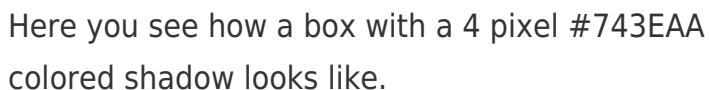
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743EAA }
```

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

```
.border{ border-color:#743EAA }
```

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



Here you see how a box with a 4 pixel #743EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743EAA; -webkit-box-shadow:4px 4px  
4px 4px #743EAA; box-shadow:4px 4px 4px  
4px #743EAA }
```

# Background

The CSS property to change the background color of an element to Decimal 7618218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743EAA }
```

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

```
.background{ background-color:#743EAA }
```

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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