

# Converting Colors

Decimal(8216224)

Have a look what the booklet for  
Decimal(8216224) contains.

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# Color

**Decimal(8216224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D5EA0
RGB	125, 94, 160
RGB Percent	49%, 37%, 63%
CMY	0.5098, 0.6314, 0.3725
CMYK	0.22, 0.41, 0.00, 0.37
HSL	268°, 26%, 50%
HSV	268°, 41%, 63%
XYZ	18.8053, 14.9034, 35.1432
YIQ	110.7930, -2.7100, 27.0980

# Conversions

## Conversions Part 2

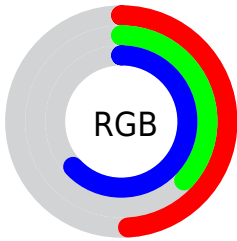
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 94, 160
Decimal	8216224
CIE <sub>Lab</sub>	45.50, 26.26, -31.15
CIE <sub>LCh</sub>	46, 40.743, 310.127
Yxy	14.9034, 0.2731, 0.2165
Android (android.graphics.Color)	4286406304 (0xFF7D5EA0)
YUV	110.7930, 24.2591, 12.4595
Hunter-Lab	38.6050, 19.3925, -26.9499

# Details

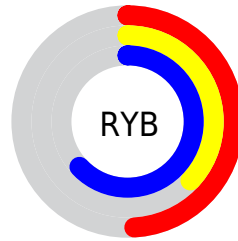
The Decimal color **8216224** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8495198**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **11768279**, and **4861804** is the 20% darker color. If you saturate the color by 10%, you get **7687840**, and if you desaturate by 10%, it is **8744608**.

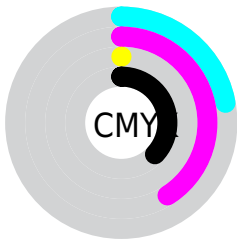
# Distribution



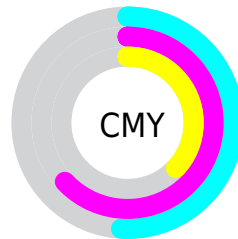
- Red (49%)
- Green (37%)
- Blue (63%)



- Red (49%)
- Yellow (37%)
- Blue (63%)



- Cyan (22%)
- Magenta (41%)
- Yellow (0%)
- Black (37%)



- Cyan (51%)
- Magenta (63%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8216224 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 8216224 by changing the saturation by 10% instead.



■ 8216224

■ 8216224

16777215

■ 6506118

■ 11768279

■ 4861804

■ 13610228

■ 3283283

■ 15452159

■ 1704764

■ 16770047

■ 38

■ 270

■ 0

■ 8216224

■ 8216224

■ 7687840

■ 8744608

7093920

9338528

6565536

9866912

5971616

10460832

5443232

10989216

4915360

11583136

12111520

12705440

13233824

# Harmonies

## Analogous

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



4418735



8216224



10375812

# Triad

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



8216224



9527850



32119

# Complementary

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



8216224



8495198

# 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.



1080147



8216224



7630373

# Square

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



8216224



10835265



5207605



31639

# Rectangle

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



8216224



11095661



5207605



31851



# Sweetspot

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



8216224



12892369



6193568



6380137



15263976



6908265



# Same Dimension

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



8216224



10119633



10378912



4933455



4391055



458767



# Inverse Universe

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



10509953



13724064



6332510



5195595



9371724



983048



# Previews

## White Background



This preview shows how the Decimal color 8216224 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 8216224 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

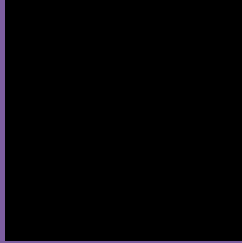
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8216224 Background



This preview shows how black text looks on a background with the Decimal color 8216224.




This preview shows how white text looks on a background with the Decimal color 8216224.

# 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**  
7694448

# Trichromacy



**Original Color**  
8216224

**Protanomaly**  
6514342

**Deuteranomaly**  
6645406

**Tritanomaly**  
7890049

# Monochromacy



**Original Color**  
8216224

**Achromatopsia**  
7303023

**Achromatomaly**  
7629185

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8216224 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 #7D5EA0 looks like.

```
.text, #text, p{  
    color:#7D5EA0  
}
```

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 #7D5EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5EA0
}
```

## Border

The CSS property to change the border of an element to Decimal 8216224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

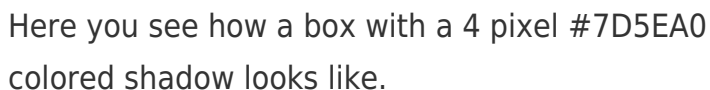
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5EA0 }
```

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

```
.border{ border-color:#7D5EA0 }
```

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



Here you see how a box with a 4 pixel #7D5EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5EA0; -webkit-box-shadow:4px 4px  
4px 4px #7D5EA0; box-shadow:4px 4px 4px  
4px #7D5EA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8216224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5EA0 }
```

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

```
.background{ background-color:#7D5EA0 }
```

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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