

# Converting Colors

Decimal(8217754)

Have a look what the booklet for  
Decimal(8217754) contains.

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# Color

**Decimal(8217754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D649A
RGB	125, 100, 154
RGB Percent	49%, 39%, 60%
CMY	0.5098, 0.6078, 0.3961
CMYK	0.19, 0.35, 0.00, 0.40
HSL	268°, 21%, 50%
HSV	268°, 35%, 60%
XYZ	18.8474, 15.8074, 32.6296
YIQ	113.6310, -2.4340, 22.0940

# Conversions

## Conversions Part 2

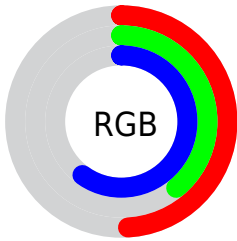
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 100, 154
Decimal	8217754
CIE Lab	46.72, 21.22, -25.70
CIE LCh	47, 33.328, 309.547
Yxy	15.8074, 0.2801, 0.2349
Android (android.graphics.Color)	4286407834 (0xFF7D649A)
YUV	113.6310, 19.9019, 9.9706
Hunter-Lab	39.7585, 15.0397, -20.8280

# Details

The Decimal color **8217754** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8493668**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **11704273**, and **4928871** is the 20% darker color. If you saturate the color by 10%, you get **7689626**, and if you desaturate by 10%, it is **8745882**.

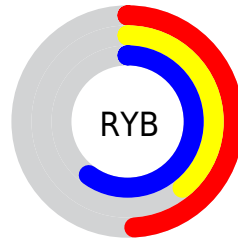
# Distribution



Red (49%)

Green (39%)

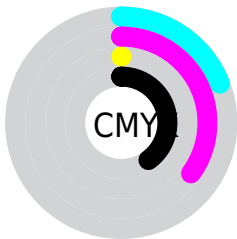
Blue (60%)



Red (49%)

Yellow (39%)

Blue (60%)

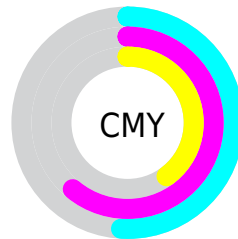


Cyan (19%)

Magenta (35%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (61%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8217754 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 8217754 by changing the saturation by 10% instead.



■ 8217754

■ 8217754

16777215

■ 6507648

■ 11704273

■ 4928871

■ 13546221

■ 3350350

■ 15453695

■ 1837623

■ 16771839

■ 34

■ 7

■ 0

■ 8217754

■ 8217754

■ 7689626

■ 8745882

7095706

9339802

6567578

9867930

6039194

10396314

5511066

10924442

4917402

11518106

4653210

12046490

12574618

13103002

# Harmonies

## Analogous

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



5402534



8217754



9984899

# Triad

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



8217754



9463354



32119

# Complementary

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



8217754



8493668

# 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.



3374170



8217754



7827510

# Square

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



8217754



10509644



5863234



31890

# Rectangle

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



8217754



10639472



5863234



32109



# Sweetspot

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



8217754



12497865



6587034



6248806



15132390



6710886



# Same Dimension

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



8217754



10253769



9921690



4736333



4259980



393229



# Inverse Universe

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



10118273



13202850



6789732



5064009



9175115

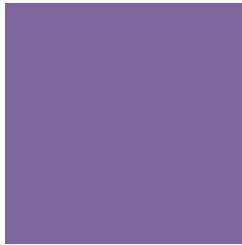


851975



# Previews

## White Background



This preview shows how the Decimal color 8217754 looks on a white background.

## Color Contrast Check

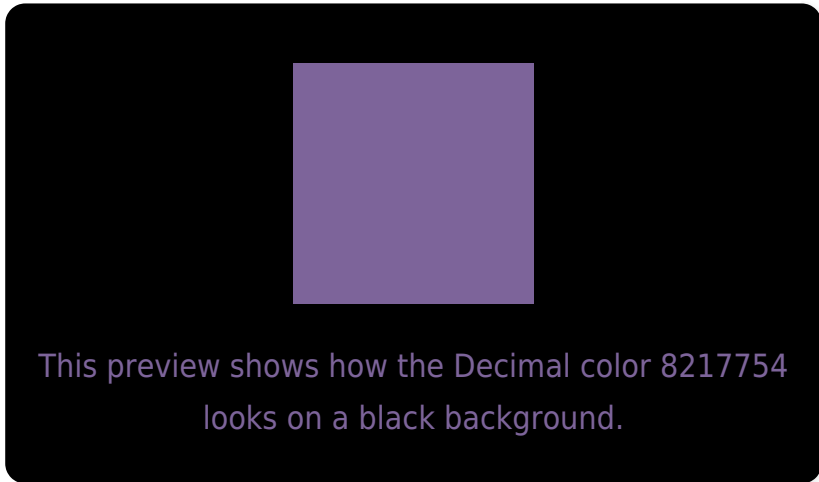
Large Text (above 18pt) WCAG AA ✓ Pass

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

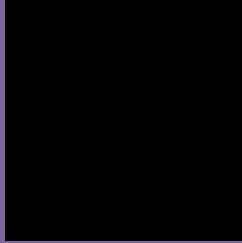
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 8217754 Background



This preview shows how black text looks on a background with the Decimal color 8217754.

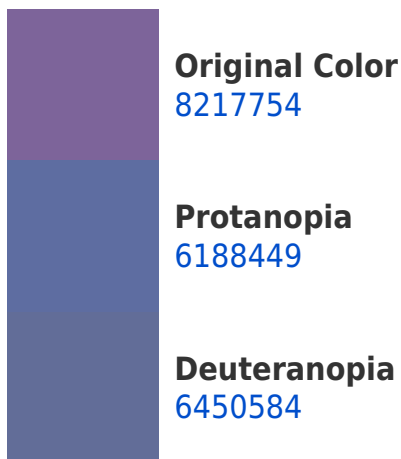



This preview shows how white text looks on a background with the Decimal color 8217754.

# 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**  
7826548

# Trichromacy



**Original Color**  
8217754

**Protanomaly**  
6908574

**Deuteranomaly**  
7105177

**Tritanomaly**  
7956866

# Monochromacy



**Original Color**  
8217754

**Achromatopsia**  
7500402

**Achromatomaly**  
7761281

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8217754 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 #7D649A looks like.

```
.text, #text, p{  
    color:#7D649A  
}
```

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 #7D649A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D649A
}
```

## Border

The CSS property to change the border of an element to Decimal 8217754 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
#7D649A }
```

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

```
.border{ border-color:#7D649A }
```

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

Here you see how a box with a 4 pixel #7D649A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D649A; -webkit-box-shadow:4px 4px  
4px 4px #7D649A; box-shadow:4px 4px 4px  
4px #7D649A }
```

# Background

The CSS property to change the background color of an element to Decimal 8217754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D649A }
```

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

```
.background{ background-color:#7D649A }
```

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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