

# Converting Colors

Decimal(8348069)

Have a look what the booklet for  
Decimal(8348069) contains.

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**Color**

**Decimal(8348069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F61A5
RGB	127, 97, 165
RGB Percent	50%, 38%, 65%
CMY	0.5020, 0.6196, 0.3529
CMYK	0.23, 0.41, 0.00, 0.35
HSL	266°, 27%, 51%
HSV	266°, 41%, 65%
XYZ	19.8186, 15.7780, 37.5982
YIQ	113.7220, -3.9480, 27.5080

# Conversions

## Conversions Part 2

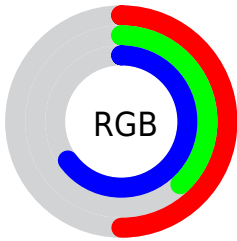
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 97, 165
Decimal	8348069
CIE <sub>Lab</sub>	46.68, 26.31, -32.24
CIE <sub>LCh</sub>	47, 41.616, 309.219
Yxy	15.7780, 0.2708, 0.2156
Android (android.graphics.Color)	4286538149 (0xFF7F61A5)
YUV	113.7220, 25.2801, 11.6448
Hunter-Lab	39.7216, 19.5478, -28.3155

# Details

The Decimal color **8348069** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8889697**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **11900124**, and **4993649** is the 20% darker color. If you saturate the color by 10%, you get **7753893**, and if you desaturate by 10%, it is **8941989**.

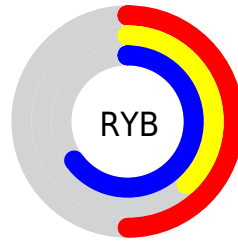
# Distribution



Red (50%)

Green (38%)

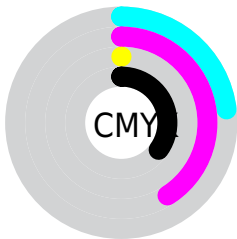
Blue (65%)



Red (50%)

Yellow (38%)

Blue (65%)

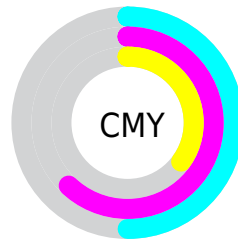


Cyan (23%)

Magenta (41%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (62%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8348069 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 8348069 by changing the saturation by 10% instead.



8348069

8348069

16777215

6637962

11900124

4993649

13742073

3349592

15649535

1771072

16771071

42

276

0

8348069

8348069

7753893

8941989

7159973

9536165

6500261

10195621

5906341

10789797

5312165

11383717

4784293

11977893

12637349

13231525

13825445

# Harmonies

## Analogous

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



4353972



8348069



10638472

# Triad

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



8348069



9856044



32889

# Complementary

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



8348069



8889697

# 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.



1343061



8348069



7893029

# Square

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



8348069



11163460



5404982



32410

# Rectangle

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



8348069



11358321



5404982



32877



# Sweetspot

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



8348069



13155542



6391973



6511723



15461355



7039851



# Same Dimension

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



8348069



10251734



10510757



5065042



4194449



524306



# Inverse Universe

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



10838407



14052776



6727009



5392718



9502801

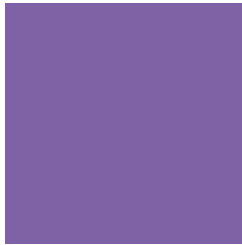


1179658



# Previews

## White Background



This preview shows how the Decimal color 8348069 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 8348069 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

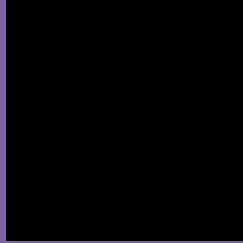
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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



## Decimal 8348069 Background



This preview shows how black text looks on a background with the Decimal color 8348069.



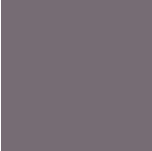
This preview shows how white text looks on a background with the Decimal color 8348069.

# 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**  
7761012

# Trichromacy



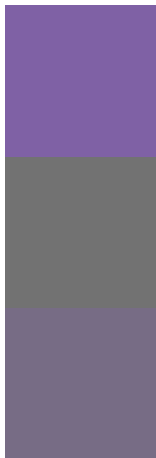
**Original Color**  
8348069

**Protanomaly**  
6646187

**Deuteranomaly**  
6777251

**Tritanomaly**  
7956614

# Monochromacy



**Original Color**  
8348069

**Achromatopsia**  
7500402

**Achromatomaly**  
7826565

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8348069 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 #7F61A5 looks like.

```
.text, #text, p{  
    color:#7F61A5  
}
```

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 #7F61A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F61A5
}
```

## Border

The CSS property to change the border of an element to Decimal 8348069 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
#7F61A5 }
```

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

```
.border{ border-color:#7F61A5 }
```

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

Here you see how a box with a 4 pixel #7F61A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F61A5; -webkit-box-shadow:4px 4px  
4px 4px #7F61A5; box-shadow:4px 4px 4px  
4px #7F61A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8348069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F61A5 }
```

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

```
.background{ background-color:#7F61A5 }
```

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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