

# Converting Colors

Decimal(8016506)

Have a look what the booklet for  
Decimal(8016506) contains.

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# Color

**Decimal(8016506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A527A
RGB	122, 82, 122
RGB Percent	48%, 32%, 48%
CMY	0.5216, 0.6784, 0.5216
CMYK	0.00, 0.33, 0.00, 0.52
HSL	300°, 20%, 40%
HSV	300°, 33%, 48%
XYZ	14.5562, 11.5773, 19.8798
YIQ	98.5200, 11.0000, 20.9200

# Conversions

## Conversions Part 2

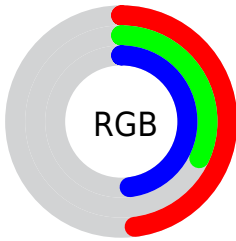
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 82, 122
Decimal	8016506
CIE <sub>Lab</sub>	40.54, 23.82, -15.98
CIE <sub>LCh</sub>	41, 28.686, 326.135
Yxy	11.5773, 0.3163, 0.2516
Android (android.graphics.Color)	4286206586 (0xFF7A527A)
YUV	98.5200, 11.5756, 20.5920
Hunter-Lab	34.0254, 16.8183, -10.8231

# Details

The Decimal color **8016506** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5405266**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **11502767**, and **4727881** is the 20% darker color. If you saturate the color by 10%, you get **8013434**, and if you desaturate by 10%, it is **8019578**.

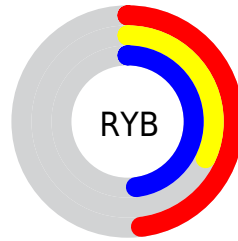
# Distribution



Red (48%)

Green (32%)

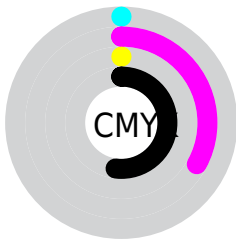
Blue (48%)



Red (48%)

Yellow (32%)

Blue (48%)

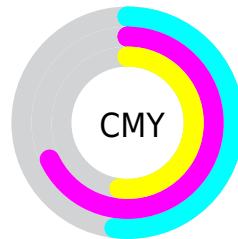


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (68%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8016506 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 8016506 by changing the saturation by 10% instead.



8016506

8016506

16777215

6371937

11502767

4727881

13344458

3214899

15186662

2031646

16766463

0

16773887

8016506

8016506

8013434

8019578

8010362

8022650

8007034

8025978

8003962

8029050

8000890

8032122

7997818

8035194

7995514

8038266

8041594

8044666

# Harmonies

## Analogous

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



6118282



8016506



9063780

# Triad

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



8016506



7429424



27507

# Complementary

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



8016506



5405266

# 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.



1469532



8016506



5858356

# Square

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



8016506



8607033



4024645



27014

# Rectangle

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



8016506



9260372



4024645



27756



# Sweetspot

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



8016506



10391198



5395066



5195343



13619151



5197647



# Same Dimension

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



8016506



10379422



8016486



4011837



8192125



16515324



# Inverse Universe

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



8016506



10379422



5405286



4011837



8192125

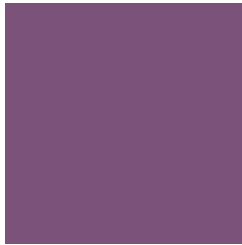


16515324



# Previews

## White Background



This preview shows how the Decimal color 8016506 looks on a white background.

## Color Contrast Check

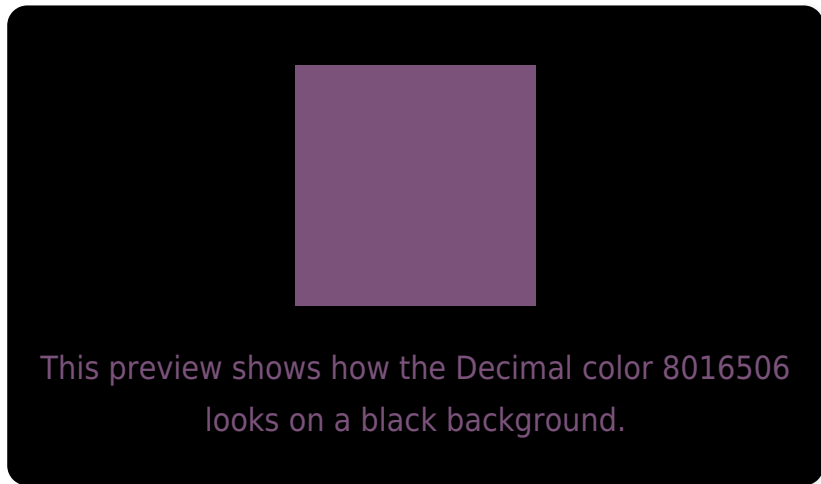
Large Text (above 18pt) WCAG AA ✓ Pass

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

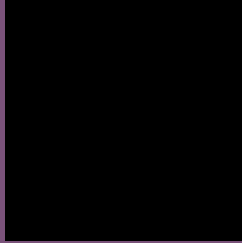
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8016506 Background



This preview shows how black text looks on a background with the Decimal color 8016506.




This preview shows how white text looks on a background with the Decimal color 8016506.

# 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**  
7755870

# Trichromacy



**Original Color**  
8016506

**Protanomaly**  
6445696

**Deuteranomaly**  
6838905

**Tritanomaly**  
7820904

# Monochromacy



**Original Color**  
8016506

**Achromatopsia**  
6513507

**Achromatomaly**  
7036267

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8016506 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 #7A527A looks like.

```
.text, #text, p{  
    color:#7A527A  
}
```

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 #7A527A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A527A
}
```

## Border

The CSS property to change the border of an element to Decimal 8016506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

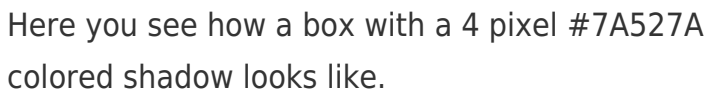
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A527A }
```

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

```
.border{ border-color:#7A527A }
```

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



Here you see how a box with a 4 pixel #7A527A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A527A; -webkit-box-shadow:4px 4px  
4px 4px #7A527A; box-shadow:4px 4px 4px  
4px #7A527A }
```

# Background

The CSS property to change the background color of an element to Decimal 8016506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A527A }
```

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

```
.background{ background-color:#7A527A }
```

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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