

# Converting Colors

Decimal(8015503)

Have a look what the booklet for  
Decimal(8015503) contains.

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**Color**

**Decimal(8015503)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4E8F
RGB	122, 78, 143
RGB Percent	48%, 31%, 56%
CMY	0.5216, 0.6941, 0.4392
CMYK	0.15, 0.45, 0.00, 0.44
HSL	281°, 29%, 43%
HSV	281°, 45%, 56%
XYZ	15.7084, 11.5695, 27.3918
YIQ	98.5660, 5.3590, 29.5430

# Conversions

## Conversions Part 2

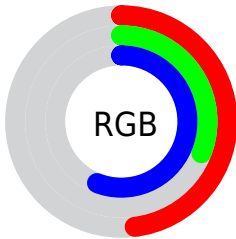
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 78, 143
Decimal	8015503
CIE <sub>Lab</sub>	40.52, 30.75, -28.80
CIE <sub>LCh</sub>	41, 42.134, 316.878
Yxy	11.5695, 0.2873, 0.2116
Android (android.graphics.Color)	4286205583 (0xFF7A4E8F)
YUV	98.5660, 21.9060, 20.5516
Hunter-Lab	34.0140, 22.9104, -23.9370

# Details

The Decimal color **8015503** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6524750**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **11567301**, and **4661084** is the 20% darker color. If you saturate the color by 10%, you get **7684239**, and if you desaturate by 10%, it is **8346767**.

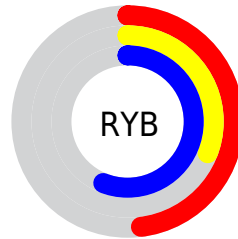
# Distribution



Red (48%)

Green (31%)

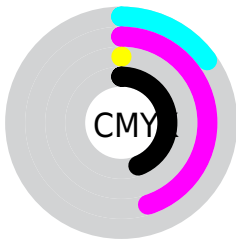
Blue (56%)



Red (48%)

Yellow (31%)

Blue (56%)

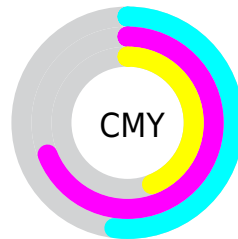


Cyan (15%)

Magenta (45%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (69%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8015503 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 8015503 by changing the saturation by 10% instead.





8015503



8015503

16777215



6305397



11567301



4661084



13409249



3082052



15251198



1900590



16765439



280



16772863



0



8015503



8015503



7684239



8346767



7418255



8612751

7086991

8944015

6821263

9209743

6489743

9541263

6357135

9872527

10138255

10469519

10801039

# Harmonies

## Analogous

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



4480418



8015503



9912944

# Triad

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



8015503



8280088



28786

# Complementary

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



8015503



6524750

# 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.



28495



8015503



6251543

# Square

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



8015503



9784110



3631918



28305

# Rectangle

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



8015503



10370905



3631918



28775



# Sweetspot

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



8015503



11706554



5137551



5852766



14606046



6184542



# Same Dimension

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



8015503



10048698



9391748



4538439



5963911



327688



# Inverse Universe

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



9391715



12211317



5148505



4669507



8847404

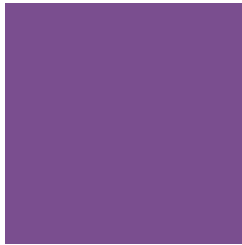


524290



# Previews

## White Background



This preview shows how the Decimal color 8015503 looks on a white background.

## Color Contrast Check

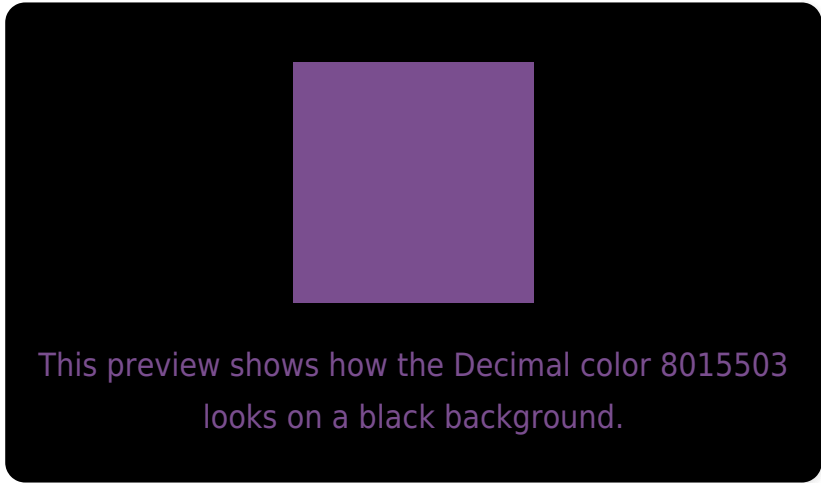
Large Text (above 18pt) WCAG AA ✓ Pass

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

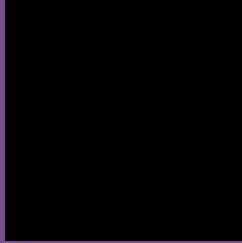
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8015503 Background



This preview shows how black text looks on a background with the Decimal color 8015503.




This preview shows how white text looks on a background with the Decimal color 8015503.

# 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**  
7559520

# Trichromacy



**Original Color**  
8015503

**Protanomaly**  
5920920

**Deuteranomaly**  
6183309

**Tritanomaly**  
7755121

# Monochromacy



**Original Color**  
8015503

**Achromatopsia**  
6513507

**Achromatomaly**  
7035763

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8015503 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 #7A4E8F looks like.

```
.text, #text, p{  
  color:#7A4E8F  
}
```

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 #7A4E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4E8F
}
```

## Border

The CSS property to change the border of an element to Decimal 8015503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

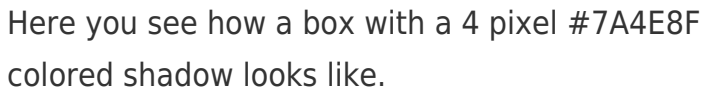
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4E8F }
```

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

```
.border{ border-color:#7A4E8F }
```

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



Here you see how a box with a 4 pixel #7A4E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4E8F; -webkit-box-shadow:4px 4px  
4px 4px #7A4E8F; box-shadow:4px 4px 4px  
4px #7A4E8F }
```

# Background

The CSS property to change the background color of an element to Decimal 8015503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4E8F }
```

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

```
.background{ background-color:#7A4E8F }
```

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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