

# Converting Colors

Decimal(9002401)

Have a look what the booklet for  
Decimal(9002401) contains.

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# Color

**Decimal(9002401)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	895DA1
RGB	137, 93, 161
RGB Percent	54%, 36%, 63%
CMY	0.4627, 0.6353, 0.3686
CMYK	0.15, 0.42, 0.00, 0.37
HSL	279°, 27%, 50%
HSV	279°, 42%, 63%
XYZ	20.6639, 15.7203, 35.6634
YIQ	113.9080, 4.3960, 30.4760

# Conversions

## Conversions Part 2

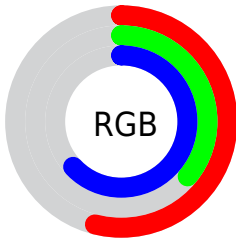
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 93, 161
Decimal	9002401
CIELab	46.61, 30.80, -29.92
CIELCh	47, 42.942, 315.826
Yxy	15.7203, 0.2868, 0.2182
Android (android.graphics.Color)	4287192481 (0xFF895DA1)
YUV	113.9080, 23.2164, 20.2517
Hunter-Lab	39.6488, 23.6440, -25.5762

# Details

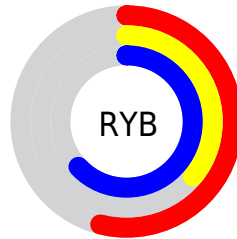
The Decimal color **9002401** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7709021**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **12619992**, and **5582189** is the 20% darker color. If you saturate the color by 10%, you get **8605089**, and if you desaturate by 10%, it is **9399713**.

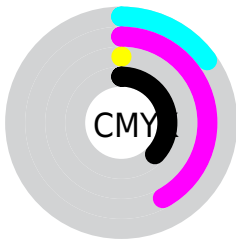
# Distribution



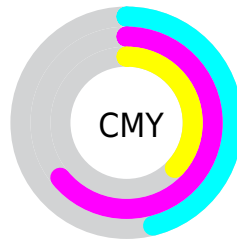
- Red (54%)
- Green (36%)
- Blue (63%)



- Red (54%)
- Yellow (36%)
- Blue (63%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (37%)



- Cyan (46%)
- Magenta (64%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9002401 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 9002401 by changing the saturation by 10% instead.



■ 9002401

■ 9002401

16777215

■ 7292295

■ 12619992

■ 5582189

■ 14461941

■ 4003412

■ 16369663

■ 2424893

■ 16770047

■ 720935

■ 272

■ 0

■ 9002401

■ 9002401

■ 8605089

■ 9399713

8273313

9731489

7876001

10128801

7478689

10526113

7146657

10858145

6815905

11255457

11652769

11984545

12381857

# Harmonies

## Analogous

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



5336244



9002401



11030913

# Triad

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



9002401



9528870



32897

# Complementary

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



9002401



7709021

# 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.



32604



9002401



7369252

# Square

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



9002401



11032892



4684602



32417

# Rectangle

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



9002401



11554409



4684602



32885



# Sweetspot

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



9002401



13154001



6125217



6510697



15263976



6908265



# Same Dimension

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



9002401



11232977



10575256



5196114



6160529



786450



# Inverse Universe

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



10575221



13723276



6136166



5392716



9502771

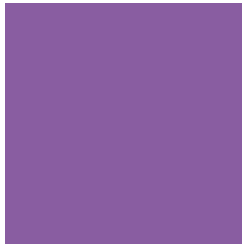


1179654



# Previews

## White Background



This preview shows how the Decimal color 9002401 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 9002401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

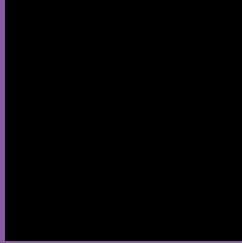
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9002401 Background



This preview shows how black text looks on a background with the Decimal color 9002401.



This preview shows how white text looks on a background with the Decimal color 9002401.

# 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**  
8480880

# Trichromacy



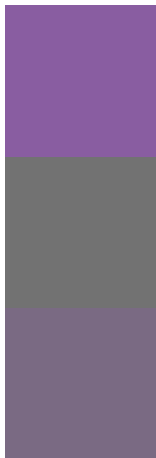
**Original Color**  
9002401

**Protanomaly**  
6907817

**Deuteranomaly**  
7170207

**Tritanomaly**  
8676482

# Monochromacy



**Original Color**  
9002401

**Achromatopsia**  
7500402

**Achromatomaly**  
8022659

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9002401 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 #895DA1 looks like.

```
.text, #text, p{  
    color:#895DA1  
}
```

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 #895DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #895DA1
}
```

## Border

The CSS property to change the border of an element to Decimal 9002401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

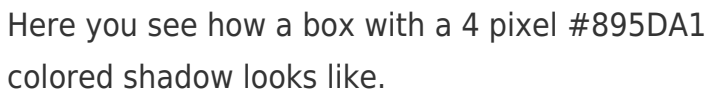
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#895DA1 }
```

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

```
.border{ border-color:#895DA1 }
```

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



Here you see how a box with a 4 pixel #895DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #895DA1; -webkit-box-shadow:4px 4px  
4px 4px #895DA1; box-shadow:4px 4px 4px  
4px #895DA1 }
```

# Background

The CSS property to change the background color of an element to Decimal 9002401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#895DA1 }
```

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

```
.background{ background-color:#895DA1 }
```

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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