

# Converting Colors

Decimal(8540296)

Have a look what the booklet for  
Decimal(8540296) contains.

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# Color

**Decimal(8540296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	825088
RGB	130, 80, 136
RGB Percent	51%, 31%, 53%
CMY	0.4902, 0.6863, 0.4667
CMYK	0.04, 0.41, 0.00, 0.47
HSL	294°, 26%, 42%
HSV	294°, 41%, 53%
XYZ	16.5185, 12.2607, 24.7885
YIQ	101.3340, 11.8240, 28.0160

# Conversions

## Conversions Part 2

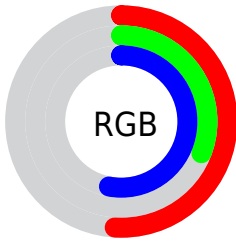
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 80, 136</a>
Decimal	<a href="#">8540296</a>
CIELab	<a href="#">41.63, 30.63, -22.76</a>
CIELCh	<a href="#">42, 38.165, 323.383</a>
Yxy	<a href="#">12.2607, 0.3084, 0.2289</a>
Android (android.graphics.Color)	<a href="#">4286730376 (0xFF825088)</a>
YUV	<a href="#">101.3340, 17.0903, 25.1401</a>
Hunter-Lab	<a href="#">35.0153, 22.9308, -17.4626</a>

# Details

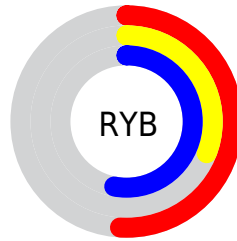
The Decimal color **8540296** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5670992**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **12092094**, and **5185878** is the 20% darker color. If you saturate the color by 10%, you get **8471176**, and if you desaturate by 10%, it is **8609416**.

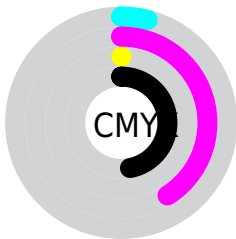
# Distribution



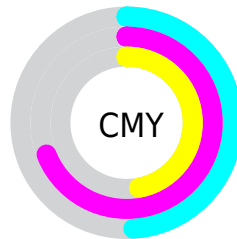
- Red (51%)
- Green (31%)
- Blue (53%)



- Red (51%)
- Yellow (31%)
- Blue (53%)



- Cyan (4%)
- Magenta (41%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (69%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8540296 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 8540296 by changing the saturation by 10% instead.





8540296



8540296

16777215



6830190



12092094



5185878



13934041



3606846



15841526



2293801



16766207



274



16773631



0



8540296



8540296



8471176



8609416



8336776



8743816

8267656

8812936

8133256

8947336

8064136

9016456

7929992

9151112

9219976

9354632

9423496

# Harmonies

## Analogous

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



5791132



8540296



9979755

# Triad

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



8540296



8019489



29306

# Complementary

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



8540296



5670992

# 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.



29018



8540296



6055973

# Square

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



8540296



9458224



3501627



28564

# Rectangle

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



8540296



10241877



3501627



29296



# Sweetspot

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



8540296



11443120



5265288



5786969



14277081



5855577



# Same Dimension

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



8540296



10967728



8933491



4472389



7733381



327685



# Inverse Universe

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



8933462



11557475



5277797



4537919



8716302

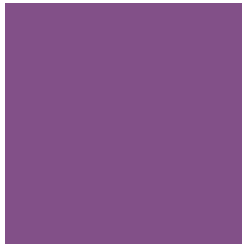


327681



# Previews

## White Background



This preview shows how the Decimal color 8540296 looks on a white background.

## Color Contrast Check

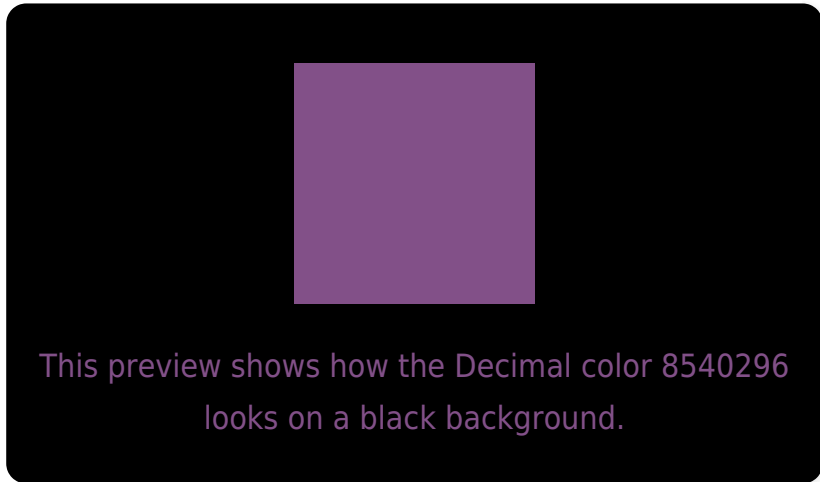
Large Text (above 18pt) WCAG AA ✓ Pass

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

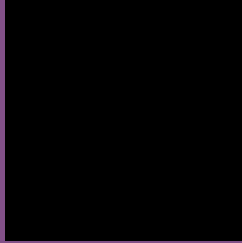
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8540296 Background



This preview shows how black text looks on a background with the Decimal color 8540296.




This preview shows how white text looks on a background with the Decimal color 8540296.

# 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**  
8214880

# Trichromacy



**Original Color**  
8540296

**Protanomaly**  
6445969

**Deuteranomaly**  
6839174

**Tritanomaly**  
8345199

# Monochromacy



**Original Color**  
8540296

**Achromatopsia**  
6645093

**Achromatomaly**  
7363954

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8540296 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 #825088 looks like.

```
.text, #text, p{  
    color:#825088  
}
```

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 #825088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825088
}
```

## Border

The CSS property to change the border of an element to Decimal 8540296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

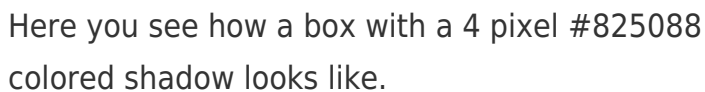
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825088 }
```

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

```
.border{ border-color:#825088 }
```

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



Here you see how a box with a 4 pixel #825088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825088; -webkit-box-shadow:4px 4px  
4px 4px #825088; box-shadow:4px 4px 4px  
4px #825088 }
```

# Background

The CSS property to change the background color of an element to Decimal 8540296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825088 }
```

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

```
.background{ background-color:#825088 }
```

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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