

# Converting Colors

Decimal(10842831)

Have a look what the booklet for  
Decimal(10842831) contains.

<b>Decimal(10842831)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10842831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A572CF
RGB	165, 114, 207
RGB Percent	65%, 45%, 81%
CMY	0.3529, 0.5529, 0.1882
CMYK	0.20, 0.45, 0.00, 0.19
HSL	273°, 49%, 63%
HSV	273°, 45%, 81%
XYZ	32.7968, 24.5390, 62.0394
YIQ	139.8510, 0.5430, 39.7350

# Conversions

## Conversions Part 2

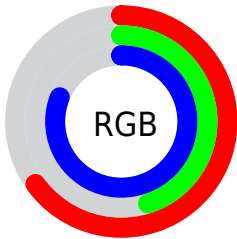
Format	Color
<a href="#">RYB</a>	<a href="#">165, 114, 207</a>
Decimal	<a href="#">10842831</a>
CIELab	<a href="#">56.62, 37.67, -40.59</a>
CIELCh	<a href="#">57, 55.377, 312.859</a>
Yxy	<a href="#">24.5390, 0.2747, 0.2056</a>
Android (android.graphics.Color)	<a href="#">4289032911</a> ( <a href="#">0xFFA572CF</a> )
YUV	<a href="#">139.8510, 33.1045, 22.0557</a>
Hunter-Lab	<a href="#">49.5368, 31.4901, -39.5784</a>

# Details

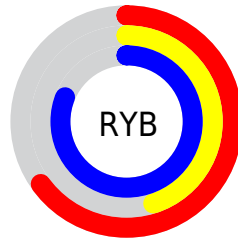
The Decimal color **10842831** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **10276722**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **14591999**, and **7291032** is the 20% darker color. If you saturate the color by 10%, you get **10247631**, and if you desaturate by 10%, it is **11438031**.

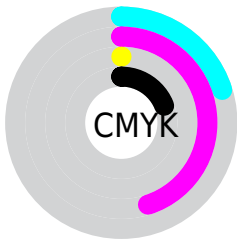
# Distribution



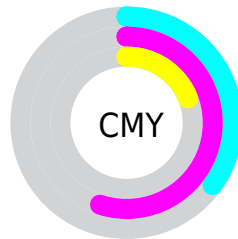
- Red (65%)
- Green (45%)
- Blue (81%)



- Red (65%)
- Yellow (45%)
- Blue (81%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (19%)



















- Cyan (35%)
- Magenta (55%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10842831 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 10842831 by changing the saturation by 10% instead.



 10842831	 10842831
 16777215	 9066931
 14591999	 7291032
 16499455	 5580926
 16769023	 3870820
 16776191	 2162764
	 393269
	 542
	 1
	 0

 10842831

 10842831

 10247631

 11438031

 9587151

 12098511

 8991951

 12693711

 8396751

 13288911

 7736271

 13949647

 7471311

 14544591

 15138767

 15794127

 16383951

# Harmonies

## Analogous

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



5277414



10842831



13721509

# Triad

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



10842831



12090150



40860

# Complementary

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



10842831



10276722

# 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.



40298



10842831



9276447

# Square

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



10842831



13985864



5740349



40392

# Rectangle

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



10842831



14572165



5740349



40843



# Sweetspot

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



10842831



15785727



7511503



7760768



0



8421504



# Same Dimension

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



10842831



12678655



13595340



6577769



6029480



1441833



# Inverse Universe

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



13595292



16741811



7524213



6905443



11010124

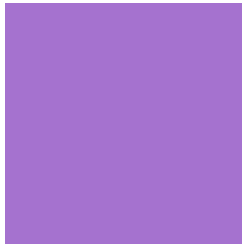


2686994



# Previews

## White Background



This preview shows how the Decimal color 10842831 looks on a white background.

## Color Contrast Check

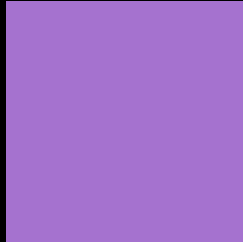
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 10842831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

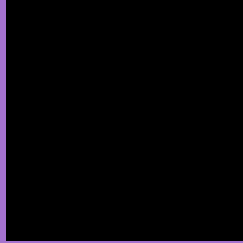
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10842831 Background



This preview shows how black text looks on a background with the Decimal color 10842831.




This preview shows how white text looks on a background with the Decimal color 10842831.

# 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**  
10125707

# Trichromacy



**Original Color**  
10842831

**Protanomaly**  
8093402

**Deuteranomaly**  
8355788

**Tritanomaly**  
10386596

# Monochromacy



**Original Color**  
10842831

**Achromatopsia**  
9211020

**Achromatomaly**  
9798564

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10842831 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 #A572CF looks like.

```
.text, #text, p{  
    color:#A572CF  
}
```

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 #A572CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A572CF
}
```

## Border

The CSS property to change the border of an element to Decimal 10842831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

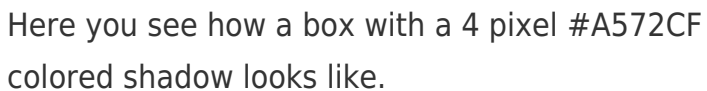
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A572CF }
```

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

```
.border{ border-color:#A572CF }
```

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



Here you see how a box with a 4 pixel #A572CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A572CF; -webkit-box-shadow:4px 4px  
4px 4px #A572CF; box-shadow:4px 4px 4px  
4px #A572CF }
```

# Background

The CSS property to change the background color of an element to Decimal 10842831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A572CF }
```

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

```
.background{ background-color:#A572CF }
```

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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