

# Converting Colors

Decimal(10842829)

Have a look what the booklet for  
Decimal(10842829) contains.

<b>Decimal(10842829)</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(10842829)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A572CD
RGB	165, 114, 205
RGB Percent	65%, 45%, 80%
CMY	0.3529, 0.5529, 0.1961
CMYK	0.20, 0.44, 0.00, 0.20
HSL	274°, 48%, 63%
HSV	274°, 44%, 80%
XYZ	32.5538, 24.4417, 60.7596
YIQ	139.6230, 1.1850, 39.1130

# Conversions

## Conversions Part 2

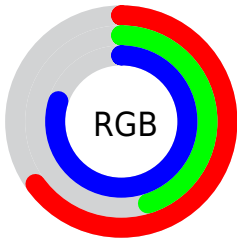
Format	Color
<a href="#">RYB</a>	<a href="#">165, 114, 205</a>
Decimal	<a href="#">10842829</a>
CIELab	<a href="#">56.53, 37.21, -39.61</a>
CIElCh	<a href="#">57, 54.348, 313.212</a>
Yxy	<a href="#">24.4417, 0.2765, 0.2076</a>
Android (android.graphics.Color)	<a href="#">4289032909 (0xFFA572CD)</a>
YUV	<a href="#">139.6230, 32.2309, 22.2556</a>
Hunter-Lab	<a href="#">49.4386, 31.0193, -38.2598</a>

# Details

The Decimal color **10842829** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **10145138**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **14526463**, and **7291030** is the 20% darker color. If you saturate the color by 10%, you get **10247885**, and if you desaturate by 10%, it is **11437773**.

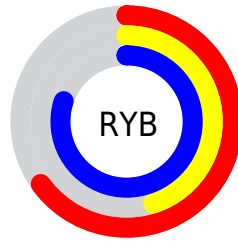
# Distribution



Red (65%)

Green (45%)

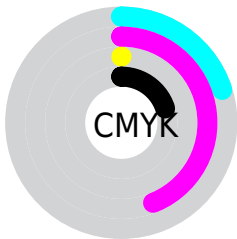
Blue (80%)



Red (65%)

Yellow (45%)

Blue (80%)

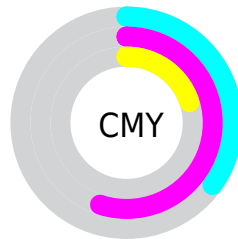


Cyan (20%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (55%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10842829 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 10842829 by changing the saturation by 10% instead.



 10842829

 10842829

16777215

 9066929

 14526463

 7291030

 16499455

 5580924

 16769023

 3870819

 16776191

 2228298

 458803

 541

 0

 10842829

 10842829

10247885

11437773

9652685

12032973

9057741

12628173

8462541

13223117

7867597

13818317

7536845

14413261

15007693

15597517

16187341

# Harmonies

## Analogous

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



5539556



10842829



13656228

# Triad

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



10842829



11959336



40604

# Complementary

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



10842829



10145138

# 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.



40299



10842829



9276450

# Square

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



10842829



13920585



5805886



40135

# Rectangle

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



10842829



14441348



5805886



40587



# Sweetspot

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



10842829



15785727



7510989



7826304



0



8421504



# Same Dimension

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



10842829



12876031



13464264



6446182



6095014



1376294



# Inverse Universe

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



13464218



16742579



7523703



6708320



10879049



2490385



# Previews

## White Background



This preview shows how the Decimal color 10842829 looks on a white background.

## Color Contrast Check

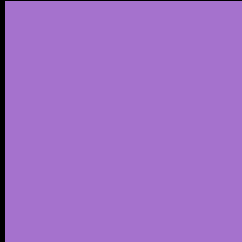
Large Text (above 18pt) WCAG AA ✓ Pass

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 10842829 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

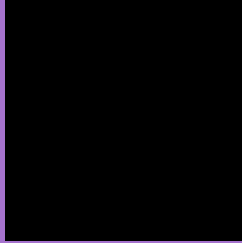
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 10842829 Background



This preview shows how black text looks on a background with the Decimal color 10842829.




This preview shows how white text looks on a background with the Decimal color 10842829.

# 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**  
10842829

**Protanomaly**  
8158936

**Deuteranomaly**  
8421322

**Tritanomaly**  
10386595

# Monochromacy



**Original Color**  
10842829

**Achromatopsia**  
9211020

**Achromatomaly**  
9798564

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10842829 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 #A572CD looks like.

```
.text, #text, p{  
    color:#A572CD  
}
```

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 #A572CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A572CD
}
```

## Border

The CSS property to change the border of an element to Decimal 10842829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

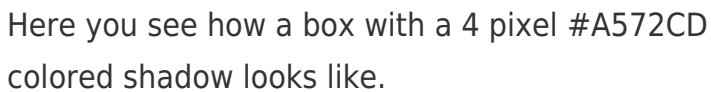
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A572CD }
```

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

```
.border{ border-color:#A572CD }
```

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



Here you see how a box with a 4 pixel #A572CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A572CD; -webkit-box-shadow:4px 4px  
4px 4px #A572CD; box-shadow:4px 4px 4px  
4px #A572CD }
```

# Background

The CSS property to change the background color of an element to Decimal 10842829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A572CD }
```

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

```
.background{ background-color:#A572CD }
```

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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