

# Converting Colors

Decimal(11834829)

Have a look what the booklet for  
Decimal(11834829) contains.

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# **Color**

**Decimal(11834829)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B495CD
RGB	180, 149, 205
RGB Percent	71%, 58%, 80%
CMY	0.2941, 0.4157, 0.1961
CMYK	0.12, 0.27, 0.00, 0.20
HSL	273°, 36%, 69%
HSV	273°, 27%, 80%
XYZ	40.5893, 35.6060, 62.4910
YIQ	164.6530, 0.5000, 23.9880

# Conversions

## Conversions Part 2

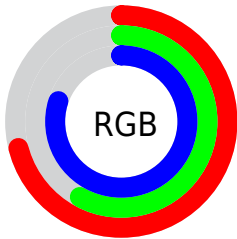
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 149, 205
Decimal	11834829
CIELab	66.22, 22.14, -24.45
CIELCh	66, 32.985, 312.157
Yxy	35.6060, 0.2927, 0.2567
Android (android.graphics.Color)	4290024909 (0xFFB495CD)
YUV	164.6530, 19.8911, 13.4593
Hunter-Lab	59.6707, 16.9956, -20.3227

# Details

The Decimal color **11834829** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11455893**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **15518719**, and **8348311** is the 20% darker color. If you saturate the color by 10%, you get **11239885**, and if you desaturate by 10%, it is **12430029**.

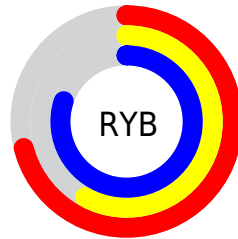
# Distribution



Red (71%)

Green (58%)

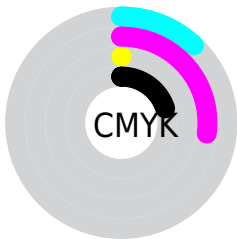
Blue (80%)



Red (71%)

Yellow (58%)

Blue (80%)

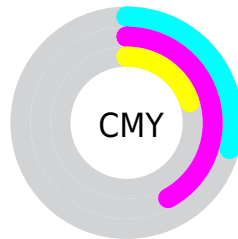


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (42%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11834829 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 11834829 by changing the saturation by 10% instead.



■ 11834829

■ 11834829

16777215

■ 10058673

■ 15518719

■ 8348311

■ 16771327

■ 6638205

■ 4993891

■ 3480907

■ 1967924

■ 31

■ 2

■ 0

11834829

11834829

11239885

12430029

10644685

13024973

10049741

13620173

9389005

14280653

8794061

14875853

8198861

15466445

7603917

16056269

7405773

16646093

16777165

# Harmonies

## Analogous

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



9150683



11834829



13667764

# Triad

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



11834829



12884329



4305324

# Complementary

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



11834829



11455893

# 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.



6598798



11834829



11117414

# Square

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



11834829



14127227



8956788



3715016

# Rectangle

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



11834829



14256800



8956788



5026210



# Sweetspot

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



11834829



16182271



9809613



8024960



0



8421504



# Same Dimension

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



11834829



14265343



13473226



6380646



6029478



1376294



# Inverse Universe

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



13473198



16755664



9817496



6708320



10879050



2490385



# Previews

## White Background



This preview shows how the Decimal color 11834829 looks on a white background.

## Color Contrast Check

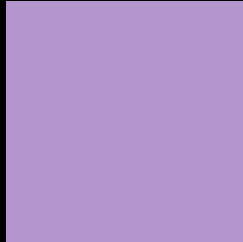
Large Text (above 18pt) WCAG AA × Fail

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 11834829 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

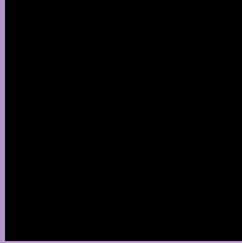
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11834829 Background



This preview shows how black text looks on a background with the Decimal color 11834829.




This preview shows how white text looks on a background with the Decimal color 11834829.

# 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**  
11443368

# Trichromacy



**Original Color**  
11834829

**Protanomaly**  
10460113

**Deuteranomaly**  
10787788

**Tritanomaly**  
11573685

# Monochromacy



**Original Color**  
11834829

**Achromatopsia**  
10855845

**Achromatomaly**  
11182004

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11834829 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 #B495CD looks like.

```
.text, #text, p{  
    color:#B495CD  
}
```

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 #B495CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B495CD
}
```

## Border

The CSS property to change the border of an element to Decimal 11834829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

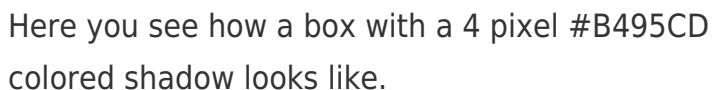
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B495CD }
```

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

```
.border{ border-color:#B495CD }
```

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



Here you see how a box with a 4 pixel #B495CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B495CD; -webkit-box-shadow:4px 4px  
4px 4px #B495CD; box-shadow:4px 4px 4px  
4px #B495CD }
```

# Background

The CSS property to change the background color of an element to Decimal 11834829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B495CD }
```

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

```
.background{ background-color:#B495CD }
```

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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