

# Converting Colors

Decimal(11829152)

Have a look what the booklet for  
Decimal(11829152) contains.

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# **Color**

**Decimal(11829152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B47FA0</a>
RGB	<a href="#">180, 127, 160</a>
RGB Percent	<a href="#">71%, 50%, 63%</a>
CMY	<a href="#">0.2941, 0.5020, 0.3725</a>
CMYK	<a href="#">0.00, 0.29, 0.11, 0.29</a>
HSL	<a href="#">323°, 26%, 60%</a>
HSV	<a href="#">323°, 29%, 71%</a>
XYZ	<a href="#">32.7569, 27.4201, 36.8238</a>
YIQ	<a href="#">146.6090, 20.9950, 21.4990</a>

# Conversions

## Conversions Part 2

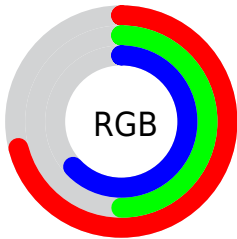
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 127, 160
Decimal	11829152
CIELab	59.36, 25.72, -9.41
CIELCh	59, 27.391, 339.907
Yxy	27.4201, 0.3377, 0.2827
Android (android.graphics.Color)	4290019232 (0xFFB47FA0)
YUV	146.6090, 6.6018, 29.2839
Hunter-Lab	52.3642, 20.0250, -5.0393

# Details

The Decimal color **11829152** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8369299**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **15512791**, and **8277357** is the 20% darker color. If you saturate the color by 10%, you get **11824537**, and if you desaturate by 10%, it is **11833767**.

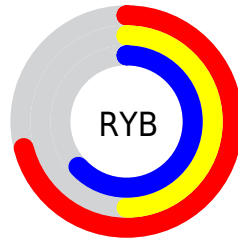
# Distribution



Red (71%)

Green (50%)

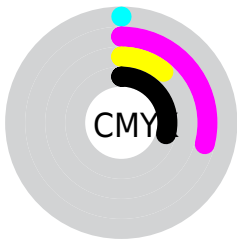
Blue (63%)



Red (71%)

Yellow (50%)

Blue (63%)

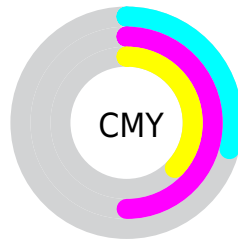


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11829152 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 11829152 by changing the saturation by 10% instead.



 11829152

 11829152

16777215

 10053254

 15512791

 8277357


 16765171

 6632788

 16772351

 4988733

 3409959

 2162707

 0

 11829152

 11829152

 11824537

 11833767

11819922

11838382

11815308

11842996

11810693

11847611

11806078

11852226

11801463

11856841

11796848

11861456

11796592

11861974

11861981

# Harmonies

## Analogous

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



10258100



11829152



12549512

# Triad

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



11829152



9998431



4234157

# Complementary

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



11829152



8369299

# 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.



4758678



11829152



8230761

# Square

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



11829152



11438178



6396798



5740220

# Rectangle

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



11829152



12484472



6396798



4168614



# Sweetspot

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



11829152



15455715



9600948



7694448



16119285



7697781



# Same Dimension

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



11829152



15440076



11829126



5853270



10027103



1703952



# Inverse Universe

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



11829152



15440076



8369325



5853270



10027103

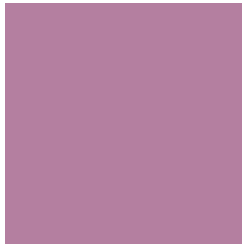


1703952



# Previews

## White Background



This preview shows how the Decimal color 11829152 looks on a white background.

## Color Contrast Check

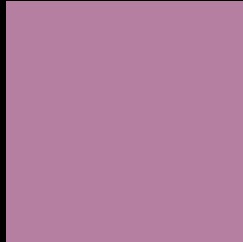
Large Text (above 18pt) WCAG AA ✓ Pass

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 11829152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

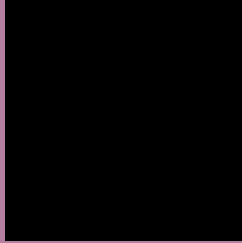
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11829152 Background



This preview shows how black text looks on a background with the Decimal color 11829152.




This preview shows how white text looks on a background with the Decimal color 11829152.

# 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**  
11698829

# Trichromacy



**Original Color**  
11829152

**Protanomaly**  
10062246

**Deuteranomaly**  
10586015

**Tritanomaly**  
11764116

# Monochromacy



**Original Color**  
11829152

**Achromatopsia**  
9671571

**Achromatomaly**  
10456216

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11829152 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 #B47FA0 looks like.

```
.text, #text, p{  
    color:#B47FA0  
}
```

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 #B47FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47FA0
}
```

## Border

The CSS property to change the border of an element to Decimal 11829152 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
#B47FA0 }
```

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

```
.border{ border-color:#B47FA0 }
```

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

Here you see how a box with a 4 pixel #B47FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47FA0; -webkit-box-shadow:4px 4px  
4px 4px #B47FA0; box-shadow:4px 4px 4px  
4px #B47FA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 11829152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47FA0 }
```

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

```
.background{ background-color:#B47FA0 }
```

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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