

# Converting Colors

Decimal(12030429)

Have a look what the booklet for  
Decimal(12030429) contains.

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# **Color**

**Decimal(12030429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B791DD
RGB	183, 145, 221
RGB Percent	72%, 57%, 87%
CMY	0.2824, 0.4314, 0.1333
CMYK	0.17, 0.34, 0.00, 0.13
HSL	270°, 53%, 72%
HSV	270°, 34%, 87%
XYZ	42.7050, 35.5385, 73.0154
YIQ	165.0260, -1.7480, 31.6920

# Conversions

## Conversions Part 2

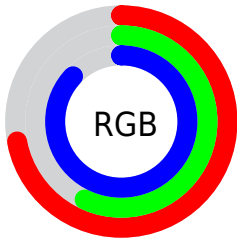
Format	Color
<a href="#">RYB</a>	<a href="#">183, 145, 221</a>
Decimal	<a href="#">12030429</a>
CIELab	<a href="#">66.17, 28.79, -33.39</a>
CIElCh	<a href="#">66, 44.093, 310.771</a>
Yxy	<a href="#">35.5385, 0.2823, 0.2350</a>
Android (android.graphics.Color)	<a href="#">4290220509 (0xFFB791DD)</a>
YUV	<a href="#">165.0260, 27.5952, 15.7632</a>
Hunter-Lab	<a href="#">59.6142, 23.5447, -30.8884</a>

# Details

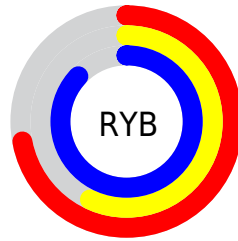
The Decimal color **12030429** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12049809**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **15779839**, and **8478374** is the 20% darker color. If you saturate the color by 10%, you get **11303901**, and if you desaturate by 10%, it is **12756957**.

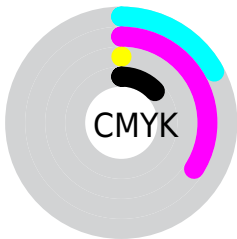
# Distribution



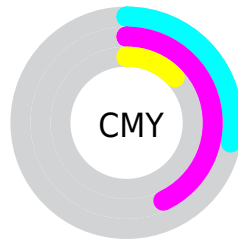
- Red (72%)
- Green (57%)
- Blue (87%)



- Red (72%)
- Yellow (57%)
- Blue (87%)



- Cyan (17%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (43%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12030429 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 12030429 by changing the saturation by 10% instead.



■ 12030429

■ 12030429

16777215

■ 10254273

■ 15779839

■ 8478374

■ 16770047

■ 6768267

■ 5058417

■ 3479640

■ 1901121

■ 42

■ 276

■ 0

 12030429

 12030429

 11303901

 12756957

 10577373

 13483485

 9850845

 14210013

 9124317

 14936541

 8397533

 15663069

 7671005

 16383965

 7274717

 16777181

# Harmonies

## Analogous

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



8102126



12030429



14517436

# Triad

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



12030429



13604438



46510

# Complementary

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



12030429



12049809

# 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.



4830085



12030429



11248465

# Square

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



12030429



15108207



8432995



46035

# Rectangle

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



12030429



15368353



8432995



46497



# Sweetspot

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



12030429



15918847



9549789



7893120



0



8421504



# Same Dimension

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



12030429



13342463



14520797



6841198



5701805



1507374



# Inverse Universe

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



14520759



16750283



9559441



7234408



11337815



3014679



# Previews

## White Background



This preview shows how the Decimal color 12030429 looks on a white background.

## Color Contrast Check

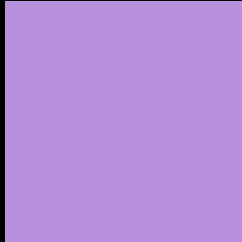
Large Text (above 18pt) WCAG AA × Fail

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 12030429 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

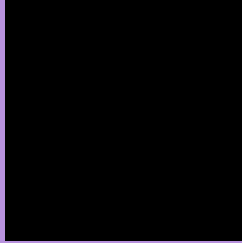
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12030429 Background



This preview shows how black text looks on a background with the Decimal color 12030429.




This preview shows how white text looks on a background with the Decimal color 12030429.

# 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**  
12030429

**Protanomaly**  
10132196

**Deuteranomaly**  
10394331

**Tritanomaly**  
11638971

# Monochromacy



**Original Color**  
12030429

**Achromatopsia**  
10855845

**Achromatomaly**  
11312825

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12030429 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 #B791DD looks like.

```
.text, #text, p{  
    color:#B791DD  
}
```

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 #B791DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B791DD
}
```

## Border

The CSS property to change the border of an element to Decimal 12030429 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
#B791DD }
```

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

```
.border{ border-color:#B791DD }
```

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

Here you see how a box with a 4 pixel #B791DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B791DD; -webkit-box-shadow:4px 4px  
4px 4px #B791DD; box-shadow:4px 4px 4px  
4px #B791DD }
```

# Background

The CSS property to change the background color of an element to Decimal 12030429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B791DD }
```

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

```
.background{ background-color:#B791DD }
```

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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