

Converting Colors

Decimal(12070849)

Have a look what the booklet for
Decimal(12070849) contains.

Decimal(12070849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12070849)

Conversions

Conversions Part 1

Format	Color
Hex	B82FC1
RGB	184, 47, 193
RGB Percent	72%, 18%, 76%
CMY	0.2784, 0.8157, 0.2431
CMYK	0.05, 0.76, 0.00, 0.24
HSL	296°, 61%, 47%
HSV	296°, 76%, 76%
XYZ	30.4093, 16.0736, 51.9518
YIQ	104.6070, 34.7860, 74.4500

Conversions

Conversions Part 2

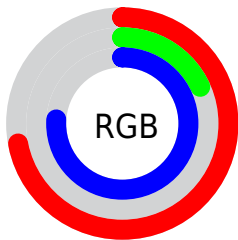
Format	Color
R_{YB}	184, 47, 193
Decimal	12070849
CIE _{Lab}	47.07, 70.12, -47.54
CIE _{LCh}	47, 84.713, 325.862
Yxy	16.0736, 0.3089, 0.1633
Android (android.graphics.Color)	4290260929 (0xFFB82FC1)
YUV	104.6070, 43.5777, 69.6277
Hunter-Lab	40.0919, 65.2295, -48.7647

Details

The Decimal color **12070849** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **3719471**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **15953146**, and **8323211** is the 20% darker color. If you saturate the color by 10%, you get **12000449**, and if you desaturate by 10%, it is **12141249**.

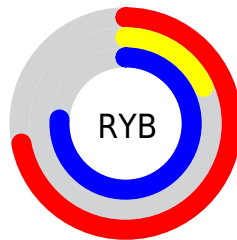
Distribution



Red (72%)

Green (18%)

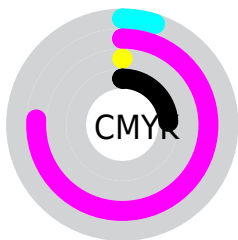
Blue (76%)



Red (72%)

Yellow (18%)

Blue (76%)

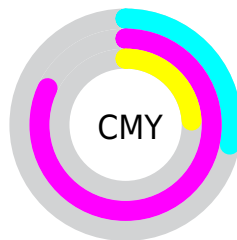


Cyan (5%)

Magenta (76%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (82%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12070849 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 12070849 by changing the saturation by 10% instead.

 12070849

 12070849

16777215

 10158245

 15953146

 8323211

 16747007

 6488177

 16754175

 4653143

 16761599

 2949183

 16769279

 327720

16776959

 274

 0

 12070849

 12070849

■ 12000449

■ 12141249

■ 11929793

■ 12211905

■ 11862209

■ 12347841

■ 12418241

■ 12488897

■ 12559297

■ 12629697

■ 12765633

■ 12836289

Harmonies

Analogous

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



4153842



12070849



14876797

Triad

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



12070849



9529856



36013

Complementary

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



12070849



3719471

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.



35683



12070849



4947200

Square

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



12070849



12862976



34572



35302

Rectangle

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



12070849



15138894



34572



35989

Sweetspot

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



12070849



16171258



3094977



8084093



16579836



8224125

Same Dimension

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



12070849



15472378



12660610



6313825



9896097



2031649

Inverse Universe

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



12660536



16389669



3129710



6379352



10551306



2162690

Previews

White Background



This preview shows how the Decimal color 12070849 looks on a white background.

Color Contrast Check

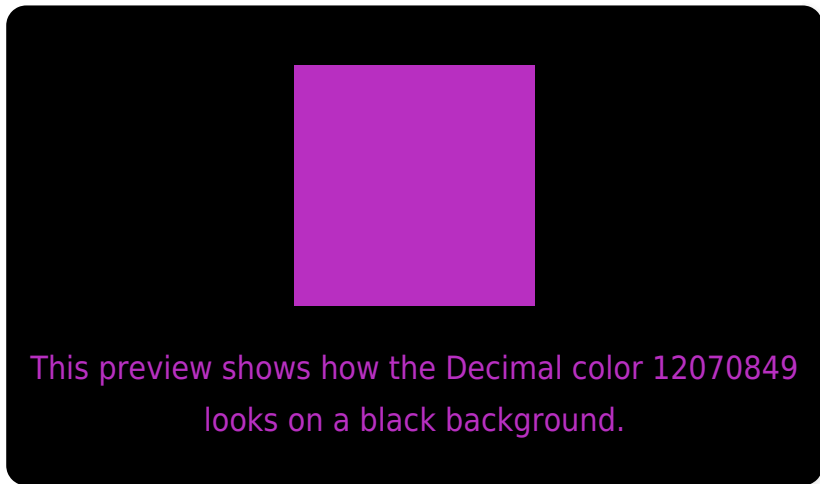
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

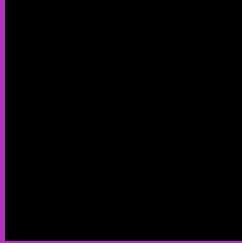
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 12070849 Background



This preview shows how black text looks on a background with the Decimal color 12070849.

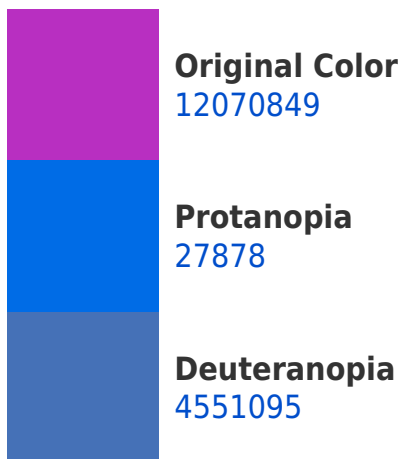


This preview shows how white text looks on a background with the Decimal color 12070849.

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
11294043

Trichromacy



Original Color
12070849



Protanomaly
4413145



Deuteranomaly
7297467



Tritanomaly
11552640

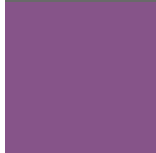
Monochromacy



Original Color
12070849



Achromatopsia
6908265



Achromatomaly
8803465

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12070849 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 #B82FC1 looks like.

```
.text, #text, p{  
  color:#B82FC1  
}
```

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 #B82FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B82FC1
}
```

Border

The CSS property to change the border of an element to Decimal 12070849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

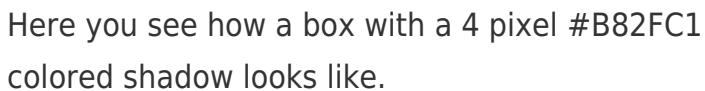
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B82FC1 }
```

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

```
.border{ border-color:#B82FC1 }
```

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



Here you see how a box with a 4 pixel #B82FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B82FC1; -webkit-box-shadow:4px 4px  
4px 4px #B82FC1; box-shadow:4px 4px 4px  
4px #B82FC1 }
```

Background

The CSS property to change the background color of an element to Decimal 12070849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B82FC1 }
```

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

```
.background{ background-color:#B82FC1 }
```

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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