

Converting Colors

Decimal(12027841)

Have a look what the booklet for
Decimal(12027841) contains.

Decimal(12027841)	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(12027841)

Conversions

Conversions Part 1

Format	Color
Hex	B787C1
RGB	183, 135, 193
RGB Percent	72%, 53%, 76%
CMY	0.2824, 0.4706, 0.2431
CMYK	0.05, 0.30, 0.00, 0.24
HSL	290°, 32%, 64%
HSV	290°, 30%, 76%
XYZ	37.8181, 31.2455, 54.4898
YIQ	155.9640, 9.9900, 28.2140

Conversions

Conversions Part 2

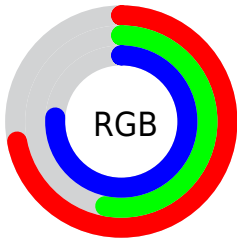
Format	Color
R_{YB}	183, 135, 193
Decimal	12027841
CIE _{Lab}	62.71, 28.47, -23.07
CIE _{LCh}	63, 36.644, 320.976
Yxy	31.2455, 0.3061, 0.2529
Android (android.graphics.Color)	4290217921 (0xFFB787C1)
YUV	155.9640, 18.2587, 23.7106
Hunter-Lab	55.8977, 22.9448, -18.6684

Details

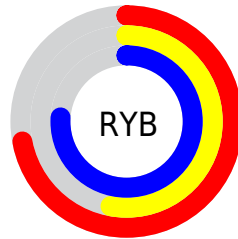
The Decimal color **12027841** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9552263**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **15777274**, and **8475787** is the 20% darker color. If you saturate the color by 10%, you get **11826369**, and if you desaturate by 10%, it is **12229313**.

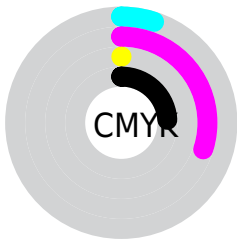
Distribution



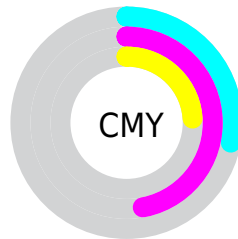
- Red (72%)
- Green (53%)
- Blue (76%)



- Red (72%)
- Yellow (53%)
- Blue (76%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12027841 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 12027841 by changing the saturation by 10% instead.

 12027841

 12027841

16777215

 10251686

 15777274

 8475787

 16767487

 6765938

 16774655

 5186905

 3608385

 2228267

 278

 0

 12027841

 12027841

 11826369


 12229313

 11559105

 12496577


 11357633

 12698049

 11156161

 12899521

 10889153

 13166785

 10687425

 13368257

 10485953

 13565889

 13828033

 14024641

Harmonies

Analogous

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



9278420



12027841



13664163

Triad

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



12027841



11965015



43438

Complementary

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



12027841



9552263

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.



4434060



12027841



9870682

Square

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



12027841



13469542



7382126



42441

Rectangle

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



12027841



14122637



7382126



1747363

Sweetspot

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



12027841



16180218



8884929



8089469



16579836



8224125

Same Dimension

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



12027841



15376634



12683183



6248289



8716449



1769505

Inverse Universe

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



12683153



16425135



8896921



6379353



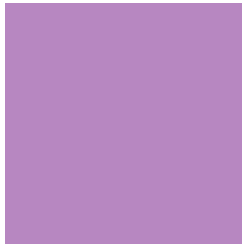
10551324



2162694

Previews

White Background



This preview shows how the Decimal color 12027841 looks on a white background.

Color Contrast Check

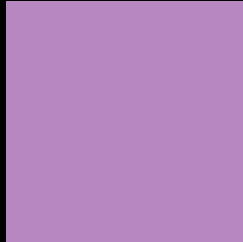
Large Text (above 18pt) WCAG AA × Fail

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 12027841 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 12027841 Background



This preview shows how black text looks on a background with the Decimal color 12027841.

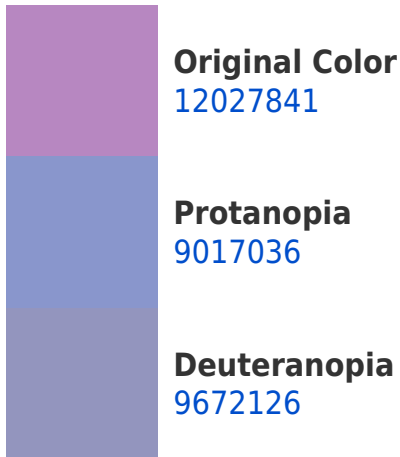



This preview shows how white text looks on a background with the Decimal color 12027841.

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
11636634

Trichromacy



Original Color
12027841

Protanomaly
10129864

Deuteranomaly
10522815

Tritanomaly
11766952

Monochromacy



Original Color
12027841

Achromatopsia
10263708

Achromatomaly
10917033

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12027841 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 #B787C1 looks like.

```
.text, #text, p{  
  color:#B787C1  
}
```

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 #B787C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B787C1
}
```

Border

The CSS property to change the border of an element to Decimal 12027841 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
#B787C1 }
```

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

```
.border{ border-color:#B787C1 }
```

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

Here you see how a box with a 4 pixel #B787C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B787C1; -webkit-box-shadow:4px 4px  
4px 4px #B787C1; box-shadow:4px 4px 4px  
4px #B787C1 }
```

Background

The CSS property to change the background color of an element to Decimal 12027841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B787C1 }
```

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

```
.background{ background-color:#B787C1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor