

Converting Colors

Decimal(12036837)

Have a look what the booklet for
Decimal(12036837) contains.

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Color

Decimal(12036837)

Conversions

Conversions Part 1

Format	Color
Hex	B7AAE5
RGB	183, 170, 229
RGB Percent	72%, 67%, 90%
CMY	0.2824, 0.3333, 0.1020
CMYK	0.20, 0.26, 0.00, 0.10
HSL	253°, 53%, 78%
HSV	253°, 26%, 90%
XYZ	48.0460, 44.4739, 80.1808
YIQ	180.6130, -11.1910, 21.1050

Conversions

Conversions Part 2

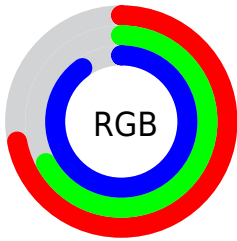
Format	Color
RYB	183, 170, 229
Decimal	12036837
CIELab	72.54, 16.64, -27.94
CIELCh	73, 32.525, 300.778
Yxy	44.4739, 0.2782, 0.2575
Android (android.graphics.Color)	4290226917 (0xFFB7AAE5)
YUV	180.6130, 23.8548, 2.0934
Hunter-Lab	66.6887, 11.8954, -24.6030

Details

The Decimal color **12036837** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14214570**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **15786495**, and **8484525** is the 20% darker color. If you saturate the color by 10%, you get **10851301**, and if you desaturate by 10%, it is **13222373**.

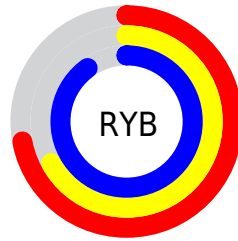
Distribution



Red (72%)

Green (67%)

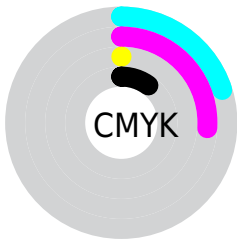
Blue (90%)



Red (72%)

Yellow (67%)

Blue (90%)

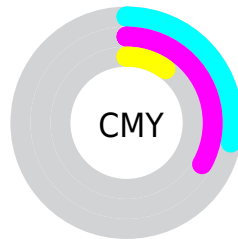


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12036837 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 12036837 by changing the saturation by 10% instead.

■ 12036837

■ 12036837

16777215

■ 10260681

■ 15786495

■ 8484525

16776959

■ 6774163

■ 5129849

■ 3551072

■ 1972808

■ 655409

■ 283

■ 0

 12036837

 12036837

 10851301

 13222373

 9665765

 14407909

 8480229

 15593445


 7360229

 16711653

 6174693

 16777189

 4989413

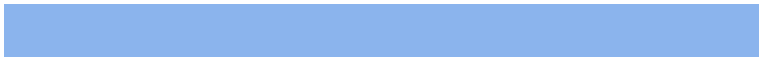
 3803877

 3277029

Harmonies

Analogous

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



9155821



12036837



14196943

Triad

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



12036837



14591615



6472370

Complementary

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



12036837



14214570

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.



8699796



12036837



13021302

Square

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



12036837



15507093



10926462



5226959

Rectangle

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



12036837



15113404



10926462



7127719

Sweetspot

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



12036837



15723519



11196645



7762816



0



8421504

Same Dimension

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



12036837



12693759



13937381



6973299



2556083



720947

Inverse Universe

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



15051480



16756974



12314026



7563120



11731083



3342376

Previews

White Background



This preview shows how the Decimal color 12036837 looks on a white background.

Color Contrast Check

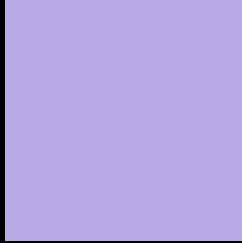
Large Text (above 18pt) WCAG AA × Fail

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 12036837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

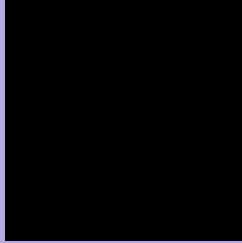
Any Text WCAG AA ✓ Pass

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 12036837 Background



This preview shows how black text looks on a background with the Decimal color 12036837.




This preview shows how white text looks on a background with the Decimal color 12036837.

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
11579839

Trichromacy



Original Color
12036837

Protanomaly
11185896

Deuteranomaly
11447780

Tritanomaly
11775693

Monochromacy



Original Color
12036837

Achromatopsia
11908533

Achromatomaly
11973062

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12036837 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 #B7AAE5 looks like.

```
.text, #text, p{  
    color:#B7AAE5  
}
```

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 #B7AAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AAE5
}
```

Border

The CSS property to change the border of an element to Decimal 12036837 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
#B7AAE5 }
```

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

```
.border{ border-color:#B7AAE5 }
```

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

Here you see how a box with a 4 pixel #B7AAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AAE5; -webkit-box-shadow:4px 4px  
4px 4px #B7AAE5; box-shadow:4px 4px 4px  
4px #B7AAE5 }
```

Background

The CSS property to change the background color of an element to Decimal 12036837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AAE5 }
```

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

```
.background{ background-color:#B7AAE5 }
```

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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