

Converting Colors

Decimal(12037616)

Have a look what the booklet for
Decimal(12037616) contains.

Decimal(12037616)	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(12037616)

Conversions

Conversions Part 1

Format	Color
Hex	B7ADF0
RGB	183, 173, 240
RGB Percent	72%, 68%, 94%
CMY	0.2824, 0.3216, 0.0588
CMYK	0.24, 0.28, 0.00, 0.06
HSL	249°, 69%, 81%
HSV	249°, 28%, 94%
XYZ	50.2002, 46.2457, 88.7186
YIQ	183.6280, -15.5470, 22.9570

Conversions

Conversions Part 2

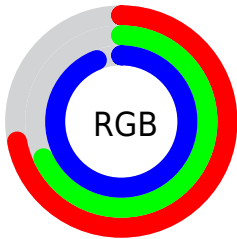
Format	Color
RYB	183, 173, 240
Decimal	12037616
CIELab	73.70, 17.51, -32.14
CIELCh	74, 36.598, 298.579
Yxy	46.2457, 0.2711, 0.2498
Android (android.graphics.Color)	4290227696 (0xFFB7ADF0)
YUV	183.6280, 27.7914, -0.5508
Hunter-Lab	68.0042, 12.7601, -29.7471

Details

The Decimal color **12037616** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **15134893**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **15787263**, and **8485304** is the 20% darker color. If you saturate the color by 10%, you get **10720752**, and if you desaturate by 10%, it is **13354480**.

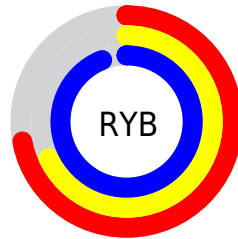
Distribution



Red (72%)

Green (68%)

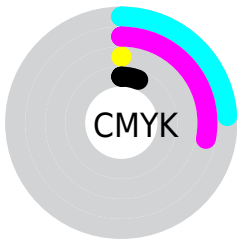
Blue (94%)



Red (72%)

Yellow (68%)

Blue (94%)

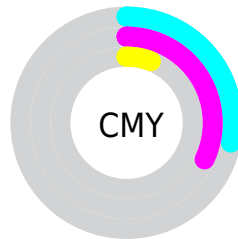


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (28%)

Magenta (32%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12037616 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 12037616 by changing the saturation by 10% instead.

■ 12037616

■ 12037616

16777215

■ 10261204

■ 15787263

■ 8485304

■ 6774941

■ 5064834

■ 3420777

■ 1776976

■ 132409

■ 547

■ 10

■ 12037616

■ 12037616

■ 10720752

■ 13354480

■ 9338352

■ 14736880

■ 8021488

■ 16053744

■ 6639088

■ 16777200

■ 5322224

■ 3939824

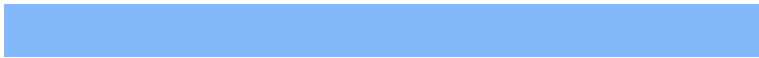
■ 2622960

■ 2359536

Harmonies

Analogous

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



8632824



12037616



14590681

Triad

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



12037616



15247229



5883826

Complementary

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



12037616



15134893

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.



8635537



12037616



13480562

Square

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



12037616



16162455



11189625



3786708

Rectangle

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



12037616



15703491



11189625



6801063

Sweetspot

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



12037616



15657983



11397104



7697280



0



8421504

Same Dimension

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



12037616



11905279



14134768



7236728



1769656



524344

Inverse Universe

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



15773158



16754930



13037741



7892086



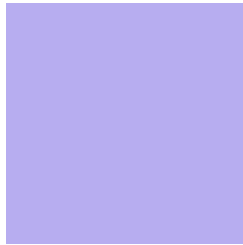
12058780



3670064

Previews

White Background



This preview shows how the Decimal color 12037616 looks on a white background.

Color Contrast Check

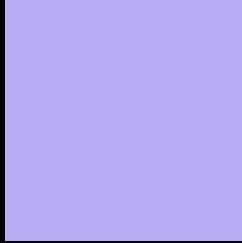
Large Text (above 18pt) WCAG AA × Fail

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 12037616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

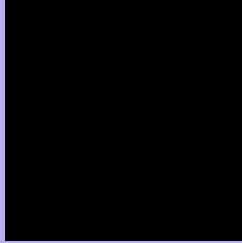
Any Text WCAG AA ✓ Pass

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 12037616 Background



This preview shows how black text looks on a background with the Decimal color 12037616.

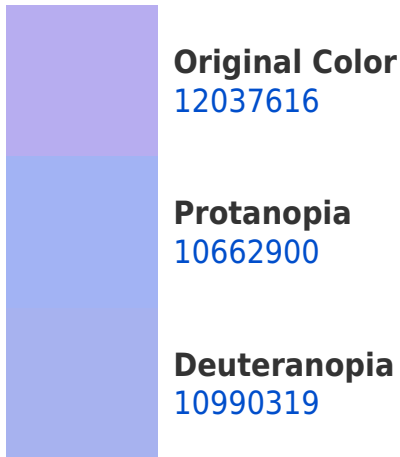


This preview shows how white text looks on a background with the Decimal color 12037616.

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
11515332

Trichromacy



Original Color
12037616

Protanomaly
11186675

Deuteranomaly
11383023

Tritanomaly
11711188

Monochromacy



Original Color
12037616

Achromatopsia
12105912

Achromatomaly
12104908

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12037616 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 #B7ADF0 looks like.

```
.text, #text, p{  
    color:#B7ADF0  
}
```

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 #B7ADF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7ADF0  
}
```

Border

The CSS property to change the border of an element to Decimal 12037616 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  
#B7ADF0 }
```

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

```
.border{ border-color:#B7ADF0 }
```

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

Here you see how a box with a 4 pixel #B7ADF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7ADF0; -webkit-box-shadow:4px 4px  
4px 4px #B7ADF0; box-shadow:4px 4px 4px  
4px #B7ADF0 }
```

Background

The CSS property to change the background color of an element to Decimal 12037616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7ADF0 }
```

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

```
.background{ background-color:#B7ADF0 }
```

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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