

Converting Colors

Decimal(12236018)

Have a look what the booklet for
Decimal(12236018) contains.

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Color

Decimal(12236018)

Conversions

Conversions Part 1

Format	Color
Hex	BAB4F2
RGB	186, 180, 242
RGB Percent	73%, 71%, 95%
CMY	0.2706, 0.2941, 0.0510
CMYK	0.23, 0.26, 0.00, 0.05
HSL	246°, 70%, 83%
HSV	246°, 26%, 95%
XYZ	52.5980, 49.4924, 90.7852
YIQ	188.8620, -16.3260, 20.5540

Conversions

Conversions Part 2

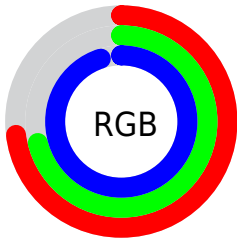
Format	Color
R _Y B	186, 180, 242
Decimal	12236018
CIE Lab	75.76, 15.00, -30.04
CIE LCh	76, 33.576, 296.531
Yxy	49.4924, 0.2727, 0.2566
Android (android.graphics.Color)	4290426098 (0xFFBAB4F2)
YUV	188.8620, 26.1970, -2.5100
Hunter-Lab	70.3509, 10.3419, -27.2660

Details

The Decimal color **12236018** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15528628**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **15985919**, and **8683450** is the 20% darker color. If you saturate the color by 10%, you get **10788082**, and if you desaturate by 10%, it is **13683954**.

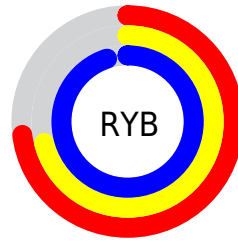
Distribution



Red (73%)

Green (71%)

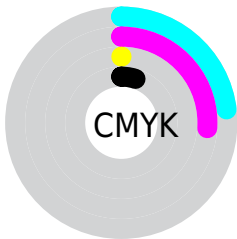
Blue (95%)



Red (73%)

Yellow (71%)

Blue (95%)

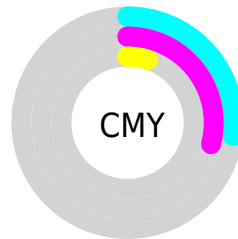


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (29%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12236018 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 12236018 by changing the saturation by 10% instead.

■ 12236018

16777215

■ 15985919

■ 12236018

■ 10459606

■ 8683450

■ 6973087

■ 5262980

■ 3618923

■ 2040402

■ 200251

■ 549

■ 269

■ 12236018

■ 12236018

■ 10788082

■ 13683954

■ 9340146

■ 15131890

■ 7891954

■ 16580082

■ 6509554

■ 16777202

■ 5061618

■ 3613682

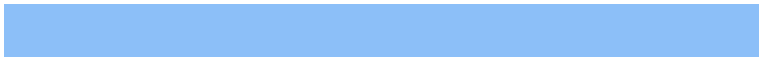
■ 2165746

■ 1507570

Harmonies

Analogous

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



9224184



12236018



14658269

Triad

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



12236018



15510920



7130038

Complementary

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



12236018



15528628

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.



9488536



12236018



13940861

Square

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



12236018



16295329



11846019



5557205

Rectangle

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



12236018



15705546



11846019



7850923

Sweetspot

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



12236018



15592447



11857394



7631744



0



8421504

Same Dimension

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



12236018



12103935



14202098



7171192



1179832



327736

Inverse Universe

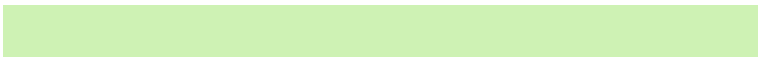
The Inverse Universe completely reimagines the original color for something new.



15906028



16756983



13562548



7892087



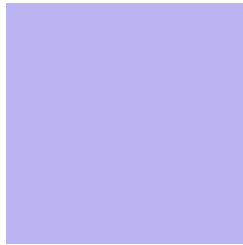
12058790



3670067

Previews

White Background



This preview shows how the Decimal color 12236018 looks on a white background.

Color Contrast Check

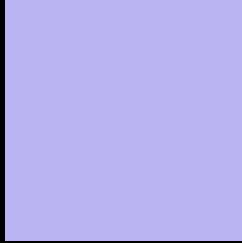
Large Text (above 18pt) WCAG AA × Fail

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 12236018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

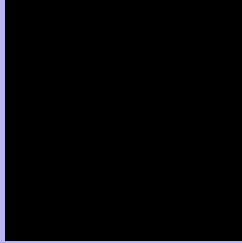
Any Text WCAG AA ✓ Pass

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 12236018 Background



This preview shows how black text looks on a background with the Decimal color 12236018.

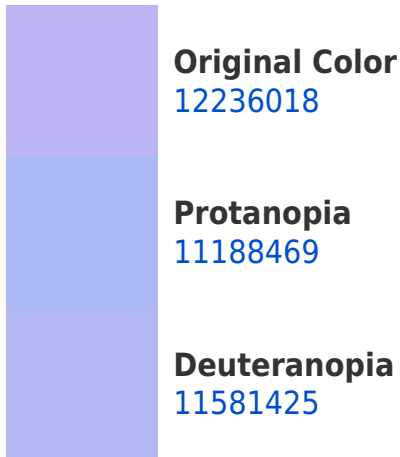


This preview shows how white text looks on a background with the Decimal color 12236018.

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
11713482

Trichromacy



Original Color
12236018

Protanomaly
11581428

Deuteranomaly
11843313

Tritanomaly
11909337

Monochromacy



Original Color
12236018

Achromatopsia
12434877

Achromatomaly
12368592

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12236018 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 #BAB4F2 looks like.

```
.text, #text, p{  
    color:#BAB4F2  
}
```

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 #BAB4F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAB4F2
}
```

Border

The CSS property to change the border of an element to Decimal 12236018 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
#BAB4F2 }
```

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

```
.border{ border-color:#BAB4F2 }
```

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

Here you see how a box with a 4 pixel #BAB4F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAB4F2; -webkit-box-shadow:4px 4px  
4px 4px #BAB4F2; box-shadow:4px 4px 4px  
4px #BAB4F2 }
```

Background

The CSS property to change the background color of an element to Decimal 12236018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAB4F2 }
```

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

```
.background{ background-color:#BAB4F2 }
```

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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