

Converting Colors

Decimal(12234228)

Have a look what the booklet for
Decimal(12234228) contains.

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Color

Decimal(12234228)

Conversions

Conversions Part 1

Format	Color
Hex	BAADF4
RGB	186, 173, 244
RGB Percent	73%, 68%, 96%
CMY	0.2706, 0.3216, 0.0431
CMYK	0.24, 0.29, 0.00, 0.04
HSL	251°, 76%, 82%
HSV	251°, 29%, 96%
XYZ	51.5224, 46.8579, 91.9169
YIQ	184.9810, -15.0430, 24.8370

Conversions

Conversions Part 2

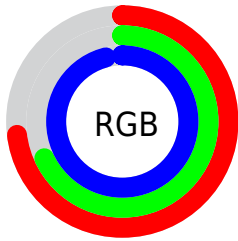
Format	Color
R_{YB}	186, 173, 244
Decimal	12234228
CIE _{Lab}	74.10, 19.33, -33.68
CIE _{LCh}	74, 38.829, 299.850
Yxy	46.8579, 0.2707, 0.2462
Android (android.graphics.Color)	4290424308 (0xFFBAADF4)
YUV	184.9810, 29.0964, 0.8937
Hunter-Lab	68.4528, 14.5592, -31.6963

Details

The Decimal color **12234228** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **15201453**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **15983871**, and **8681916** is the 20% darker color. If you saturate the color by 10%, you get **10917364**, and if you desaturate by 10%, it is **13551092**.

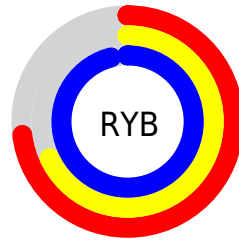
Distribution



Red (73%)

Green (68%)

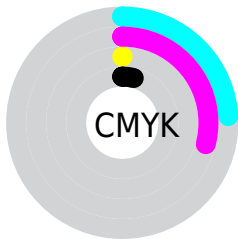
Blue (96%)



Red (73%)

Yellow (68%)

Blue (96%)

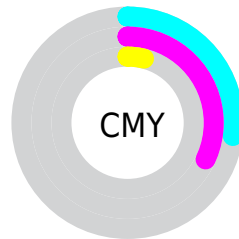


Cyan (24%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12234228 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 12234228 by changing the saturation by 10% instead.

■ 12234228

■ 12234228

16777215

■ 10392279

■ 15983871

■ 8681916

■ 6906016

■ 5261446

■ 3617388

■ 1907796

■ 132412

■ 550

■ 271

■ 12234228

■ 12234228

■ 10917364

■ 13551092

■ 9600244

■ 14868212

■ 8283380

■ 16185076

■ 6966260

■ 16777204

■ 5649396

■ 4332532

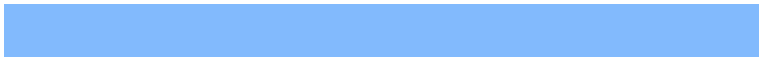
■ 3015412

■ 2949364

Harmonies

Analogous

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



8567549



12234228



14918107

Triad

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



12234228



15444089



5228981

Complementary

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



12234228



15201453

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.



8308369



12234228



13546606

Square

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



12234228



16489876



11124599



2410712

Rectangle

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



12234228



16030916



11124599



6277544

Sweetspot

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



12234228



15526143



11397364



7631232



0



8421504

Same Dimension

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



12234228



11970303



14462452



7368314



2228410



720955

Inverse Universe

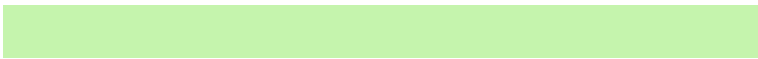
The Inverse Universe completely reimagines the original color for something new.



16035303



16754415



12973229



8023672



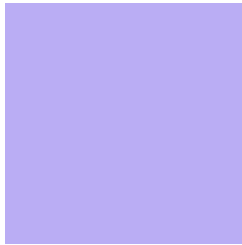
12189848



3866672

Previews

White Background



This preview shows how the Decimal color 12234228 looks on a white background.

Color Contrast Check

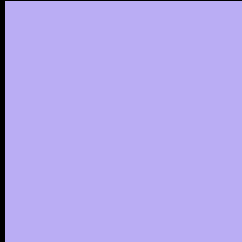
Large Text (above 18pt) WCAG AA × Fail

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 12234228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

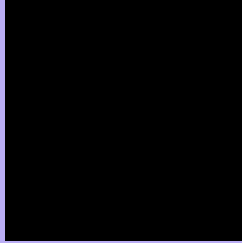
Any Text WCAG AA ✓ Pass

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 12234228 Background



This preview shows how black text looks on a background with the Decimal color 12234228.



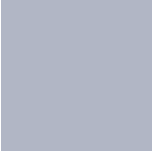
This preview shows how white text looks on a background with the Decimal color 12234228.

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
11646661

Trichromacy



Original Color
12234228

Protanomaly
11252215

Deuteranomaly
11383283

Tritanomaly
11842518

Monochromacy



Original Color
12234228

Achromatopsia
12171705

Achromatomaly
12170702

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12234228 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 #BAADF4 looks like.

```
.text, #text, p{  
    color:#BAADF4  
}
```

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 #BAADF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAADF4
}
```

Border

The CSS property to change the border of an element to Decimal 12234228 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
#BAADF4 }
```

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

```
.border{ border-color:#BAADF4 }
```

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

Here you see how a box with a 4 pixel #BAADF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAADF4; -webkit-box-shadow:4px 4px  
4px 4px #BAADF4; box-shadow:4px 4px 4px  
4px #BAADF4 }
```

Background

The CSS property to change the background color of an element to Decimal 12234228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAADF4 }
```

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

```
.background{ background-color:#BAADF4 }
```

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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