

# Converting Colors

Decimal(12299760)

Have a look what the booklet for  
Decimal(12299760) contains.

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# **Color**

**Decimal(12299760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBADF0
RGB	187, 173, 240
RGB Percent	73%, 68%, 94%
CMY	0.2667, 0.3216, 0.0588
CMYK	0.22, 0.28, 0.00, 0.06
HSL	253°, 69%, 81%
HSV	253°, 28%, 94%
XYZ	51.1653, 46.7432, 88.7637
YIQ	184.8240, -13.1630, 23.8050

# Conversions

## Conversions Part 2

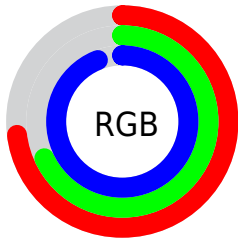
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 173, 240
Decimal	12299760
CIELab	74.03, 18.70, -31.62
CIELCh	74, 36.733, 300.601
Yxy	46.7432, 0.2741, 0.2504
Android (android.graphics.Color)	4290489840 (0xFFBBADF0)
YUV	184.8240, 27.2018, 1.9084
Hunter-Lab	68.3690, 13.9382, -29.1181

# Details

The Decimal color **12299760** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14872749**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16049407**, and **8747448** is the 20% darker color. If you saturate the color by 10%, you get **11048432**, and if you desaturate by 10%, it is **13551088**.

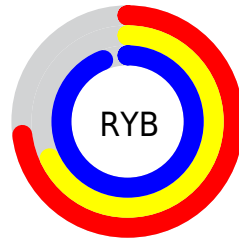
# Distribution



Red (73%)

Green (68%)

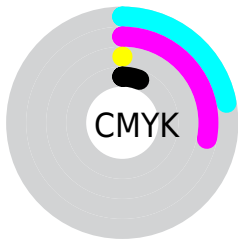
Blue (94%)



Red (73%)

Yellow (68%)

Blue (94%)

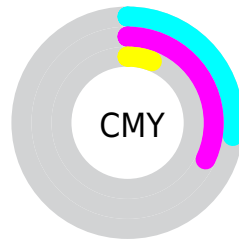


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (27%)

Magenta (32%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12299760 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 12299760 by changing the saturation by 10% instead.



■ 12299760

■ 12299760

16777215

■ 10457812

■ 16049407

■ 8747448

■ 7037085

■ 5326978

■ 3682665

■ 2038865

■ 460089

■ 547

■ 10

■ 12299760

■ 12299760

■ 11048432

■ 13551088

■ 9797104

■ 14802416

■ 8545776

■ 16053744

■ 7294448

■ 16777200

■ 6043120

■ 4791792

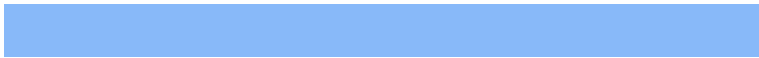
■ 3540464

■ 3277040

# Harmonies

## Analogous

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



8960505



12299760



14787288

# Triad

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



12299760



15247484



5687478

# Complementary

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



12299760



14872749

# 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.



8504724



12299760



13415538

# Square

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



12299760



16228245



11124347



3721175

# Rectangle

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



12299760



15834562



11124347



6670506



# Sweetspot

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



12299760



15723519



11396080



7697280



0



8421504



# Same Dimension

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



12299760



12232959



14462448



7236728



2490552



786488



# Inverse Universe

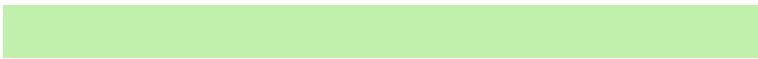
The Inverse Universe completely reimagines the original color for something new.



15773154



16754925



12710061



7892085



12058769



3670060



# Previews

## White Background



This preview shows how the Decimal color 12299760 looks on a white background.

## Color Contrast Check

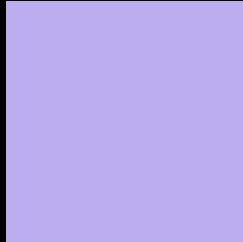
Large Text (above 18pt) WCAG AA × Fail

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 12299760 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 12299760 Background



This preview shows how black text looks on a background with the Decimal color 12299760.



This preview shows how white text looks on a background with the Decimal color 12299760.

# 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



**Original Color**  
12299760

**Protanopia**  
10728693

**Deuteranopia**  
11121647



**Tritanopia**  
11777476

# Trichromacy



**Original Color**  
12299760

**Protanomaly**  
11317747

**Deuteranomaly**  
11579887

**Tritanomaly**  
11973332

# Monochromacy



**Original Color**  
12299760

**Achromatopsia**  
12171705

**Achromatomaly**  
12236237

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12299760 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 #BBADF0 looks like.

```
.text, #text, p{  
    color:#BBADF0  
}
```

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 #BBADF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBADF0  
}
```

## Border

The CSS property to change the border of an element to Decimal 12299760 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  
#BBADF0 }
```

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

```
.border{ border-color:#BBADF0 }
```

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

Here you see how a box with a 4 pixel #BBADF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBADF0; -webkit-box-shadow:4px 4px  
4px 4px #BBADF0; box-shadow:4px 4px 4px  
4px #BBADF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12299760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBADF0 }
```

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

```
.background{ background-color:#BBADF0 }
```

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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