

Converting Colors

Decimal(12174584)

Have a look what the booklet for
Decimal(12174584) contains.

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Color

Decimal(12174584)

Conversions

Conversions Part 1

Format	Color
Hex	B9C4F8
RGB	185, 196, 248
RGB Percent	73%, 77%, 97%
CMY	0.2745, 0.2314, 0.0275
CMYK	0.25, 0.21, 0.00, 0.03
HSL	230°, 82%, 85%
HSV	230°, 25%, 97%
XYZ	56.6908, 56.5715, 96.7384
YIQ	198.6390, -23.2480, 13.8400

Conversions

Conversions Part 2

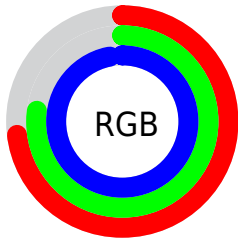
Format	Color
RYB	185, 194, 248
Decimal	12174584
CIELab	79.94, 7.36, -26.86
CIELCh	80, 27.848, 285.319
Yxy	56.5715, 0.2700, 0.2694
Android (android.graphics.Color)	4290364664 (0xFFB9C4F8)
YUV	198.6390, 24.3350, -11.9614
Hunter-Lab	75.2140, 2.9157, -23.6075

Details

The Decimal color **12174584** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16313785**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **15924735**, and **8621759** is the 20% darker color. If you saturate the color by 10%, you get **10531064**, and if you desaturate by 10%, it is **13818104**.

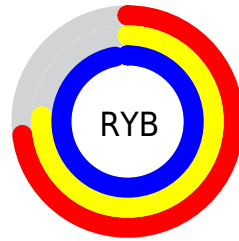
Distribution



Red (73%)

Green (77%)

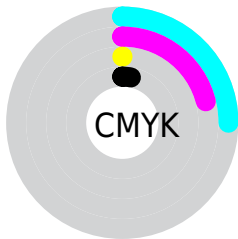
Blue (97%)



Red (73%)

Yellow (76%)

Blue (97%)

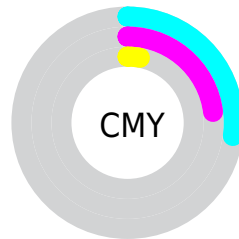


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12174584 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 12174584 by changing the saturation by 10% instead.

■ 12174584

■ 12174584

16777215

■ 10398171

■ 15924735

■ 8621759

■ 6911396

■ 5201034

■ 3556720

■ 1912664

■ 6720

■ 42

■ 276

■ 12174584

■ 12174584

■ 10531064

■ 13818104

■ 8887288

■ 15461880

■ 7309304

■ 16777208

■ 5665528

■ 4022008

■ 2378232

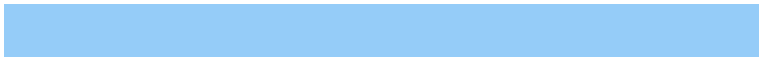
■ 734712

■ 11256

Harmonies

Analogous

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



9817336



12174584



14400491

Triad

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



12174584



16169122



9557176

Complementary

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



12174584



16313785

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.



11456673



12174584



15057044

Square

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



12174584



16495802



13420948



8246739

Rectangle

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



12174584



15513308



13420948



10146736

Sweetspot

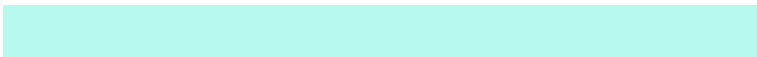
The Sweet Spot groups the original color and five complimentary colors.



12174584



15462143



12187884



7566720



0



8421504

Same Dimension

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



12174584



11780351



13482488



7369597



8637



2877

Inverse Universe

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



16300484



16757696



15005881



8220787



12386337



3997707

Previews

White Background



This preview shows how the Decimal color 12174584 looks on a white background.

Color Contrast Check

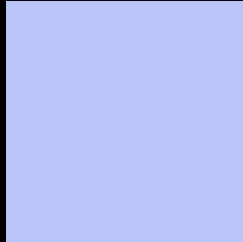
Large Text (above 18pt) WCAG AA × Fail

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 12174584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

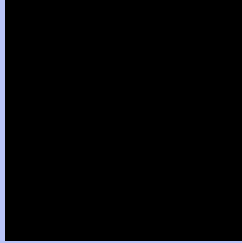
Any Text WCAG AA ✓ Pass

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 12174584 Background



This preview shows how black text looks on a background with the Decimal color 12174584.



This preview shows how white text looks on a background with the Decimal color 12174584.

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
12174584

Protanopia
12174584

Deuteranopia
12567288



Tritanopia
11782617

Trichromacy



Original Color
12174584

Protanomaly
12174584

Deuteranomaly
12436472

Tritanomaly
11913188

Monochromacy



Original Color
12174584

Achromatopsia
13092807

Achromatomaly
12764889

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12174584 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 #B9C4F8 looks like.

```
.text, #text, p{  
    color:#B9C4F8  
}
```

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 #B9C4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C4F8
}
```

Border

The CSS property to change the border of an element to Decimal 12174584 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
#B9C4F8 }
```

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

```
.border{ border-color:#B9C4F8 }
```

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

Here you see how a box with a 4 pixel #B9C4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C4F8; -webkit-box-shadow:4px 4px  
4px 4px #B9C4F8; box-shadow:4px 4px 4px  
4px #B9C4F8 }
```

Background

The CSS property to change the background color of an element to Decimal 12174584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C4F8 }
```

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

```
.background{ background-color:#B9C4F8 }
```

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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