

Converting Colors

Decimal(12371173)

Have a look what the booklet for
Decimal(12371173) contains.

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Color

Decimal(12371173)

Conversions

Conversions Part 1

Format	Color
Hex	BCC4E5
RGB	188, 196, 229
RGB Percent	74%, 77%, 90%
CMY	0.2627, 0.2314, 0.1020
CMYK	0.18, 0.14, 0.00, 0.10
HSL	228°, 44%, 82%
HSV	228°, 18%, 90%
XYZ	54.6218, 55.8284, 82.0258
YIQ	197.3700, -15.3610, 8.5670

Conversions

Conversions Part 2

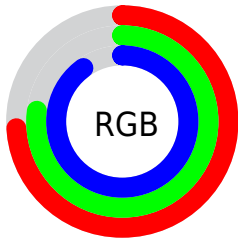
Format	Color
R _Y B	188, 195, 229
Decimal	12371173
CIE Lab	79.52, 3.99, -17.30
CIE LCh	80, 17.753, 282.995
Yxy	55.8284, 0.2838, 0.2901
Android (android.graphics.Color)	4290561253 (0xFFBCC4E5)
YUV	197.3700, 15.5936, -8.2175
Hunter-Lab	74.7184, -0.2672, -12.7857

Details

The Decimal color **12371173** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15064508**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16121343**, and **8818349** is the 20% darker color. If you saturate the color by 10%, you get **10859237**, and if you desaturate by 10%, it is **13883109**.

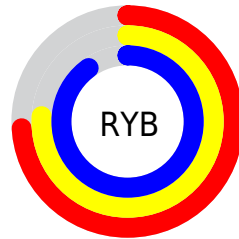
Distribution



Red (74%)

Green (77%)

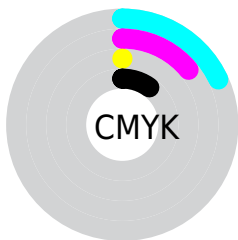
Blue (90%)



Red (74%)

Yellow (76%)

Blue (90%)

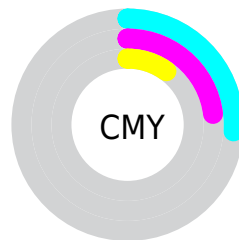


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (23%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12371173 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 12371173 by changing the saturation by 10% instead.

■ 12371173

■ 12371173

16777215

■ 10594761

■ 16121343

■ 8818349

■ 7173523

■ 5528697

■ 3949920

■ 2436936

■ 924210

■ 29

■ 0

■ 12371173

■ 12371173

■ 10859237

■ 13883109

■ 9347045

■ 15395301

■ 7835109

■ 16776165

■ 6322917

■ 16777189

■ 4876517

■ 3364325

■ 1852389

■ 340453

■ 11749

Harmonies

Analogous

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



11061732



12371173



13746141

Triad

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



12371173



15121583



10931899

Complementary

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



12371173



15064508

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.



12110765



12371173



14401958

Square

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



12371173



15252158



13354661



10211276

Rectangle

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



12371173



14466260



13354661



11324854

Sweetspot

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



12371173



15922687



12379613



7895424



0



8421504

Same Dimension

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



12371173



13227263



13155557



6777459



9139



2611

Inverse Universe

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



15056068



16763348



14280124



7563114



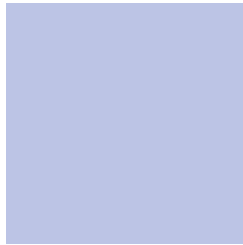
11730979



3342346

Previews

White Background



This preview shows how the Decimal color 12371173 looks on a white background.

Color Contrast Check

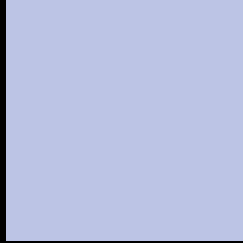
Large Text (above 18pt) WCAG AA × Fail

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 12371173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

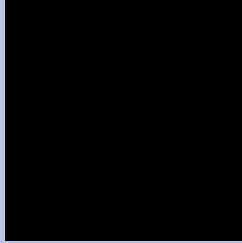
Any Text WCAG AA ✓ Pass

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 12371173 Background



This preview shows how black text looks on a background with the Decimal color 12371173.

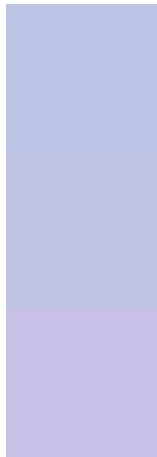


This preview shows how white text looks on a background with the Decimal color 12371173.

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
12371173

Protanopia
12567524

Deuteranopia
13156582



Tritanopia
12175318

Trichromacy



Original Color
12371173

Protanomaly
12501988

Deuteranomaly
12894694

Tritanomaly
12240603

Monochromacy



Original Color
12371173

Achromatopsia
12961221

Achromatomaly
12764625

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12371173 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 #BCC4E5 looks like.

```
.text, #text, p{  
    color:#BCC4E5  
}
```

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 #BCC4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCC4E5
}
```

Border

The CSS property to change the border of an element to Decimal 12371173 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
#BCC4E5 }
```

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

```
.border{ border-color:#BCC4E5 }
```

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

Here you see how a box with a 4 pixel #BCC4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCC4E5; -webkit-box-shadow:4px 4px  
4px 4px #BCC4E5; box-shadow:4px 4px 4px  
4px #BCC4E5 }
```

Background

The CSS property to change the background color of an element to Decimal 12371173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCC4E5 }
```

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

```
.background{ background-color:#BCC4E5 }
```

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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