

Converting Colors

Decimal(12305898)

Have a look what the booklet for
Decimal(12305898) contains.

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Color

Decimal(12305898)

Conversions

Conversions Part 1

Format	Color
Hex	BBC5EA
RGB	187, 197, 234
RGB Percent	73%, 77%, 92%
CMY	0.2667, 0.2275, 0.0824
CMYK	0.20, 0.16, 0.00, 0.08
HSL	227°, 53%, 83%
HSV	227°, 20%, 92%
XYZ	55.3111, 56.4378, 85.8203
YIQ	198.2280, -17.8370, 9.3870

Conversions

Conversions Part 2

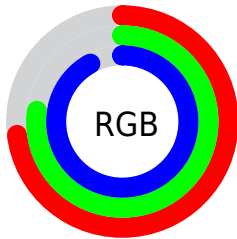
Format	Color
R _{YB}	187, 195, 234
Decimal	12305898
CIE _{Lab}	79.86, 4.24, -19.47
CIE _{LCh}	80, 19.922, 282.290
Yxy	56.4378, 0.2800, 0.2857
Android (android.graphics.Color)	4290495978 (0xFFBBC5EA)
YUV	198.2280, 17.6356, -9.8470
Hunter-Lab	75.1251, -0.0478, -15.1432

Details

The Decimal color **12305898** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15392955**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16056063**, and **8753074** is the 20% darker color. If you saturate the color by 10%, you get **10793962**, and if you desaturate by 10%, it is **13817834**.

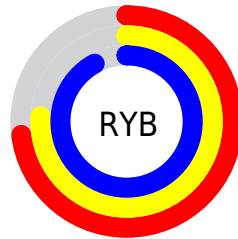
Distribution



Red (73%)

Green (77%)

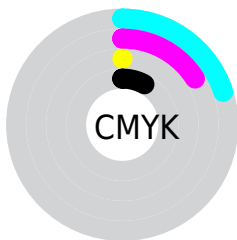
Blue (92%)



Red (73%)

Yellow (76%)

Blue (92%)

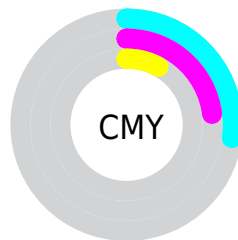


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (23%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12305898 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 12305898 by changing the saturation by 10% instead.

■ 12305898

16777215

■ 16056063

■ 12305898

■ 10529486

■ 8753074

■ 7042711

■ 5463421

■ 3819108

■ 2305868

■ 727861

■ 32

■ 5

■ 12305898

■ 12305898

■ 10793962

■ 13817834

■ 9216234

■ 15395562

■ 7704298

■ 16776426

■ 6126570

■ 16777194

■ 4614634

■ 3102442

■ 1524970

■ 13034

Harmonies

Analogous

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



10800105



12305898



13877218

Triad

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



12305898



15383726



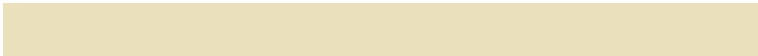
10735802

Complementary

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



12305898



15392955

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.



12045482



12305898



14664099

Square

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



12305898



15579583



13485986



9884109

Rectangle

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



12305898



14728152



13485986



11194292

Sweetspot

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



12305898



15791103



12315360



7829632



0



8421504

Same Dimension

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



12305898



12767231



13155306



6974581



10165



2870

Inverse Universe

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



15383493



16761551



14543547



7694956



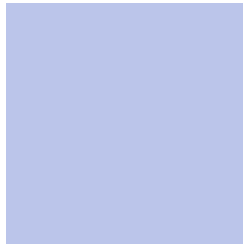
11862055



3538955

Previews

White Background



This preview shows how the Decimal color 12305898 looks on a white background.

Color Contrast Check

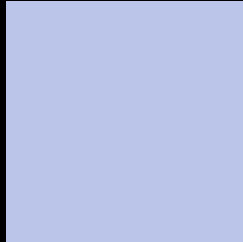
Large Text (above 18pt) WCAG AA × Fail

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 12305898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

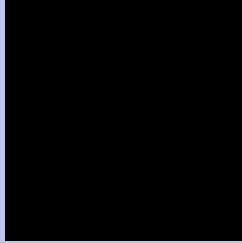
Any Text WCAG AA ✓ Pass

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 12305898 Background



This preview shows how black text looks on a background with the Decimal color 12305898.

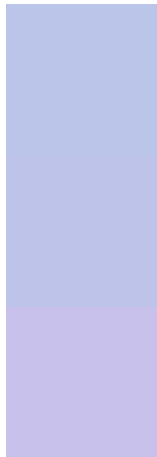


This preview shows how white text looks on a background with the Decimal color 12305898.

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
12305898

Protanopia
12502249

Deuteranopia
13091307



Tritanopia
12110040

Trichromacy



Original Color
12305898

Protanomaly
12436713

Deuteranomaly
12829419

Tritanomaly
12175327

Monochromacy



Original Color
12305898

Achromatopsia
13027014

Achromatomaly
12764883

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12305898 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 #BBC5EA looks like.

```
.text, #text, p{  
    color:#BBC5EA  
}
```

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 #BBC5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC5EA
}
```

Border

The CSS property to change the border of an element to Decimal 12305898 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
#BBC5EA }
```

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

```
.border{ border-color:#BBC5EA }
```

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

Here you see how a box with a 4 pixel #BBC5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC5EA; -webkit-box-shadow:4px 4px  
4px 4px #BBC5EA; box-shadow:4px 4px 4px  
4px #BBC5EA }
```

Background

The CSS property to change the background color of an element to Decimal 12305898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC5EA }
```

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

```
.background{ background-color:#BBC5EA }
```

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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