

# Converting Colors

Decimal(12307676)

Have a look what the booklet for  
Decimal(12307676) contains.

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# **Color**

**Decimal(12307676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBCCDC
RGB	187, 204, 220
RGB Percent	73%, 80%, 86%
CMY	0.2667, 0.2000, 0.1373
CMYK	0.15, 0.07, 0.00, 0.14
HSL	209°, 32%, 80%
HSV	209°, 15%, 86%
XYZ	55.0047, 58.9178, 76.1834
YIQ	200.7410, -15.2680, 1.3720

# Conversions

## Conversions Part 2

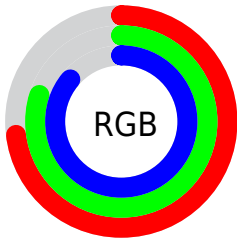
Format	Color
R <sub>Y</sub> B	187, 198, 220
Decimal	12307676
CIE Lab	81.25, -2.50, -9.89
CIE LCh	81, 10.198, 255.825
Yxy	58.9178, 0.2893, 0.3099
Android (android.graphics.Color)	4290497756 (0xFFBCCDC)
YUV	200.7410, 9.4947, -12.0509
Hunter-Lab	76.7580, -6.4135, -5.1156

# Details

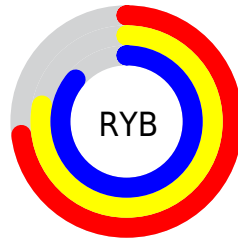
The Decimal color **12307676** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14470075**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **15990783**, and **8820389** is the 20% darker color. If you saturate the color by 10%, you get **10863068**, and if you desaturate by 10%, it is **13752284**.

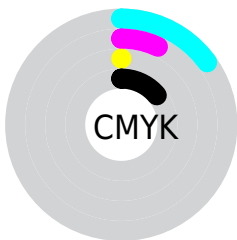
# Distribution



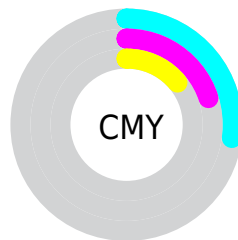
- Red (73%)
- Green (80%)
- Blue (86%)



- Red (73%)
- Yellow (78%)
- Blue (86%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (20%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12307676 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 12307676 by changing the saturation by 10% instead.



■ 12307676

■ 12307676

16777215

■ 10531264

■ 15990783

■ 8820389

■ 7109771

■ 5464945

■ 3951449

■ 2438465

■ 1056811

■ 1815

■ 0

■ 12307676

■ 12307676

■ 10863068

■ 13752284

■ 9418716

■ 15196636

■ 7974108

■ 16641244

■ 6529500

■ 16775132

■ 5085148

■ 16777180

■ 3640540

■ 2195932

■ 751580

■ 29148

# Harmonies

## Analogous

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



11849431



12307676



13027804

# Triad

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



12307676



14664901



12701372

# Complementary

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



12307676



14470075

# 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.



13421495



12307676



14534076

# Square

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



12307676



14402767



14076088



12111813

# Rectangle

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



12307676



13551577



14076088



12963258

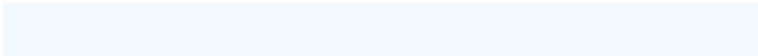


# Sweetspot

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



12307676



15923711



12311755



7896192



0



8421504

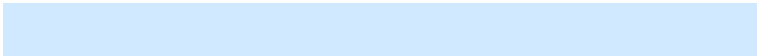


# Same Dimension

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



12307676



13756927



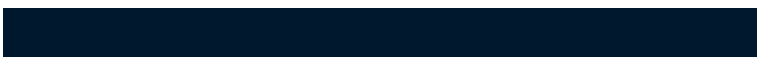
12303580



6514798



22957



6190



# Inverse Universe

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



14465996



16765417



14474171



7234408



11337817

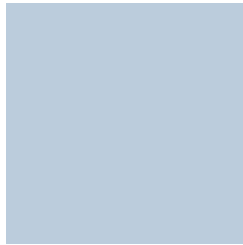


3014680



# Previews

## White Background



This preview shows how the Decimal color 12307676 looks on a white background.

## Color Contrast Check

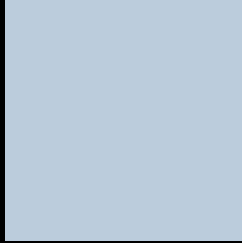
Large Text (above 18pt) WCAG AA × Fail

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 12307676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

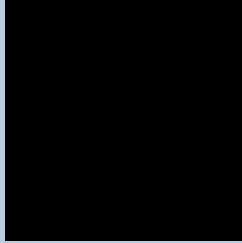
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

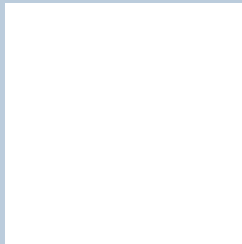
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12307676 Background



This preview shows how black text looks on a background with the Decimal color 12307676.

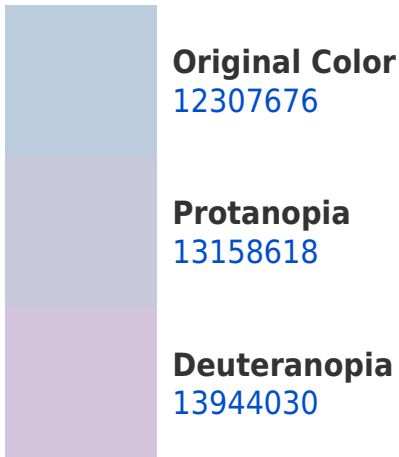


This preview shows how white text looks on a background with the Decimal color 12307676.

# 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





# Trichromacy



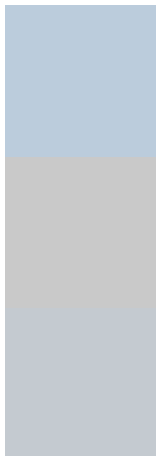
**Original Color**  
12307676

**Protanomaly**  
12831195

**Deuteranomaly**  
13354973

**Tritanomaly**  
12307676

# Monochromacy



**Original Color**  
12307676

**Achromatopsia**  
13224393

**Achromatomaly**  
12896976

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12307676 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 #BBCCDC looks like.

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

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 #BBCCDC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 12307676 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
#BBCCDC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 12307676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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