

# Converting Colors

Decimal(12315098)

Have a look what the booklet for  
Decimal(12315098) contains.

<b>Decimal(12315098)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12315098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBE9DA
RGB	187, 233, 218
RGB Percent	73%, 91%, 85%
CMY	0.2667, 0.0863, 0.1451
CMYK	0.20, 0.00, 0.06, 0.09
HSL	160°, 51%, 82%
HSV	160°, 20%, 91%
XYZ	62.2873, 73.9046, 77.3118
YIQ	217.5360, -22.6010, -14.4170

# Conversions

## Conversions Part 2

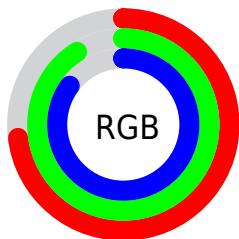
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 214, 233
Decimal	12315098
CIELab	88.88, -17.76, 2.40
CIELCh	89, 17.918, 172.313
Yxy	73.9046, 0.2917, 0.3462
Android (android.graphics.Color)	4290505178 (0xFFBBE9DA)
YUV	217.5360, 0.2288, -26.7801
Hunter-Lab	85.9678, -21.1127, 6.8573

# Details

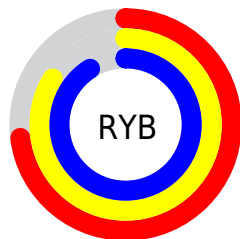
The Decimal color **12315098** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15317962**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16056319**, and **8761763** is the 20% darker color. If you saturate the color by 10%, you get **10807762**, and if you desaturate by 10%, it is **13822434**.

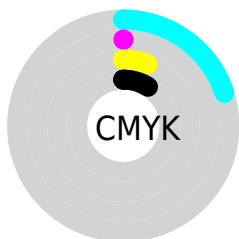
# Distribution



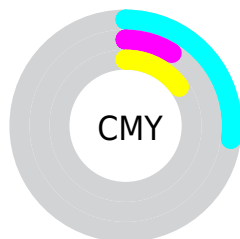
- Red (73%)
- Green (91%)
- Blue (85%)



- Red (73%)
- Yellow (84%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12315098 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 12315098 by changing the saturation by 10% instead.



■ 12315098

16777215

■ 16056319

■ 12315098

■ 10538430

■ 8761763

■ 7050889

■ 5405808

■ 3826519

■ 2247488

■ 537642

■ 7958

■ 0

 12315098

 12315098

 10807762

 13822434

 9234891

 15395305

 7727555

 16771569

 6220220

 16771576

 4647348

 16771583

 3140012

 1632677

 125341

 59805

# Harmonies

## Analogous

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



13363146



12315098



11790827

# Triad

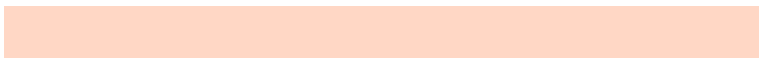
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12315098



14540031



16766917

# Complementary

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



12315098



15317962

# 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.



16766163



12315098



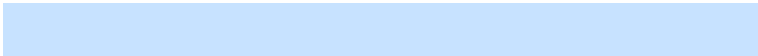
15849460

# Square

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



12315098



13099775



16766180



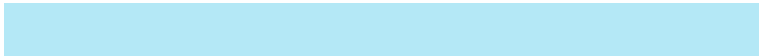
15850686

# Rectangle

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



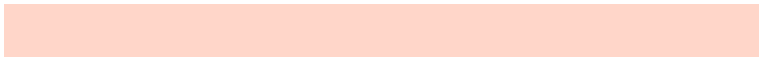
12315098



11856118



16766180



16766665



# Sweetspot

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



12315098



15794170



13298107



7831677



0



8421504

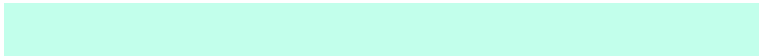


# Same Dimension

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



12315098



12779499



12313065



6976881



46458



13860



# Inverse Universe

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



15317962



16761558



15319995



7694957



11862075

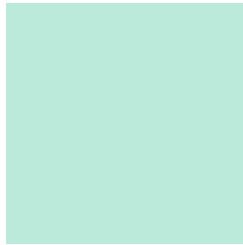


3538961



# Previews

## White Background



This preview shows how the Decimal color 12315098 looks on a white background.

## Color Contrast Check

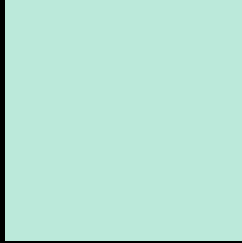
Large Text (above 18pt) WCAG AA × Fail

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 12315098 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

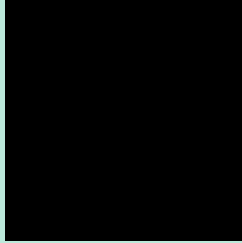
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

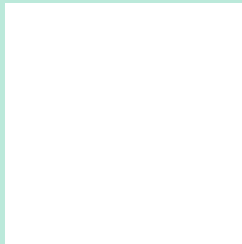
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12315098 Background



This preview shows how black text looks on a background with the Decimal color 12315098.

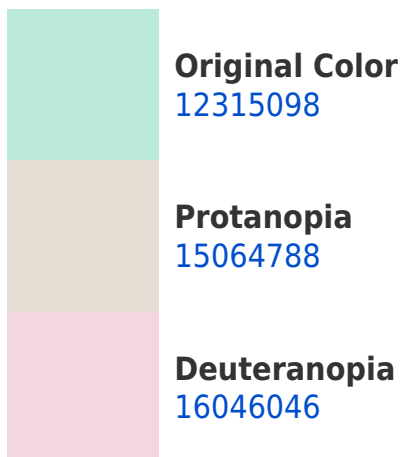


This preview shows how white text looks on a background with the Decimal color 12315098.

# 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



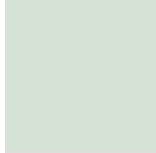


**Tritanopia**  
12641783

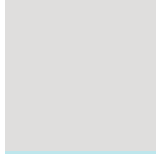
# Trichromacy



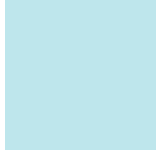
**Original Color**  
12315098



**Protanomaly**  
14082774



**Deuteranomaly**  
14671581

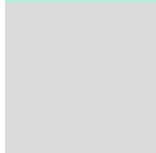


**Tritanomaly**  
12510956

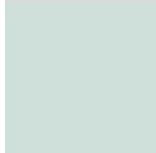
# Monochromacy



**Original Color**  
12315098



**Achromatopsia**  
14342874



**Achromatomaly**  
13623258

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12315098 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 #BBE9DA looks like.

```
.text, #text, p{  
    color:#BBE9DA  
}
```

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 #BBE9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE9DA
}
```

## Border

The CSS property to change the border of an element to Decimal 12315098 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
#BBE9DA }
```

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

```
.border{ border-color:#BBE9DA }
```

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

Here you see how a box with a 4 pixel #BBE9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE9DA; -webkit-box-shadow:4px 4px  
4px 4px #BBE9DA; box-shadow:4px 4px 4px  
4px #BBE9DA }
```

# Background

The CSS property to change the background color of an element to Decimal 12315098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE9DA }
```

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

```
.background{ background-color:#BBE9DA }
```

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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