

# Converting Colors

Decimal(12375248)

Have a look what the booklet for  
Decimal(12375248) contains.

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# **Color**

**Decimal(12375248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD4D0
RGB	188, 212, 208
RGB Percent	74%, 83%, 82%
CMY	0.2627, 0.1686, 0.1843
CMYK	0.11, 0.00, 0.02, 0.17
HSL	170°, 22%, 78%
HSV	170°, 11%, 83%
XYZ	55.6677, 62.3324, 68.7719
YIQ	204.3680, -13.0200, -6.3320

# Conversions

## Conversions Part 2

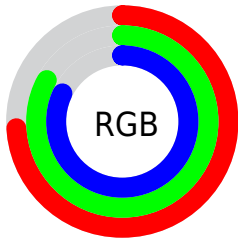
Format	Color
<b>RYB</b>	188, 201, 212
Decimal	12375248
CIELab	83.09, -8.78, -0.75
CIELCh	83, 8.808, 184.910
Yxy	62.3324, 0.2981, 0.3337
Android (android.graphics.Color)	4290565328 (0xFFBCD4D0)
YUV	204.3680, 1.7906, -14.3547
Hunter-Lab	78.9509, -12.3050, 3.6198

# Details

The Decimal color **12375248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13941952**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16056319**, and **8887706** is the 20% darker color. If you saturate the color by 10%, you get **10998988**, and if you desaturate by 10%, it is **13751508**.

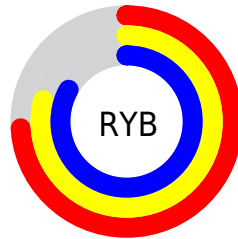
# Distribution



Red (74%)

Green (83%)

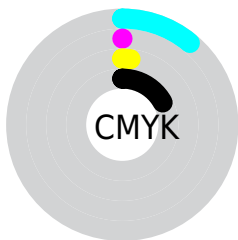
Blue (82%)



Red (74%)

Yellow (79%)

Blue (83%)

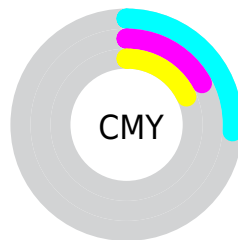


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (17%)



Cyan (26%)

Magenta (17%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12375248 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 12375248 by changing the saturation by 10% instead.



 12375248

 12375248

16777215

 10598580

 16056319

 8887706

 7177088

 5597799

 4018767

 2571064

 1189155

 4365

 0

■ 12375248

■ 12375248

■ 10998988

■ 13751508

■ 9622729

■ 15127767

■ 8180933

■ 16569563

■ 6804674

■ 16766174

■ 5428414

■ 16766178

■ 4052155

■ 16766181

■ 2675895

■ 16766185

■ 1234100

■ 16766188

■ 54449

■ 16766192

# Harmonies

## Analogous

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



12768200



12375248



12309464

# Triad

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



12375248



13815004



14470336

# Complementary

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



12375248



13941952

# 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.



14797510



12375248



14404310

# Square

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



12375248



13160415



14731726



14012351

# Rectangle

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



12375248



12440284



14731726



14601154



# Sweetspot

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



12375248



16252926



12637372



8028287



0



8421504

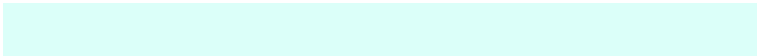


# Same Dimension

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



12375248



14417913



12373204



6318953



43918



11044



# Inverse Universe

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



13941952



16767969



13943996



7037026



11206684

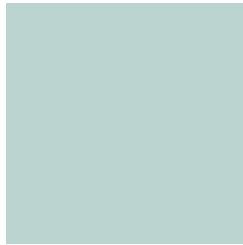


2818055



# Previews

## White Background



This preview shows how the Decimal color 12375248 looks on a white background.

## Color Contrast Check

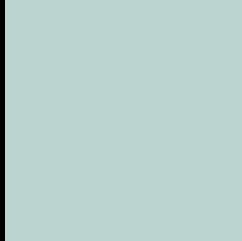
Large Text (above 18pt) WCAG AA × Fail

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 12375248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

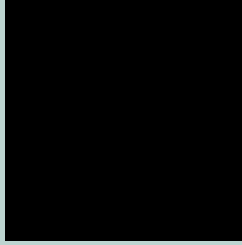
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

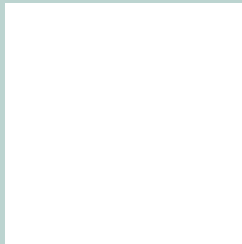
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12375248 Background



This preview shows how black text looks on a background with the Decimal color 12375248.



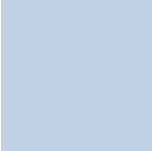
This preview shows how white text looks on a background with the Decimal color 12375248.

# 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](#).

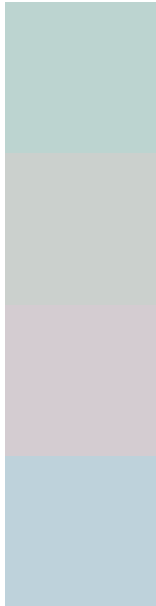
## Dichromacy





**Tritanopia**  
12571106

# Trichromacy



**Original Color**  
12375248

**Protanomaly**  
13357261

**Deuteranomaly**  
13946065

**Tritanomaly**  
12505819

# Monochromacy



**Original Color**  
12375248

**Achromatopsia**  
13421772

**Achromatomaly**  
13029325

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12375248 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 #BCD4D0 looks like.

```
.text, #text, p{  
    color:#BCD4D0  
}
```

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 #BCD4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD4D0
}
```

## Border

The CSS property to change the border of an element to Decimal 12375248 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
#BCD4D0 }
```

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

```
.border{ border-color:#BCD4D0 }
```

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

Here you see how a box with a 4 pixel #BCD4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD4D0; -webkit-box-shadow:4px 4px  
4px 4px #BCD4D0; box-shadow:4px 4px 4px  
4px #BCD4D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12375248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD4D0 }
```

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

```
.background{ background-color:#BCD4D0 }
```

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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