

Converting Colors

Decimal(12774849)

Have a look what the booklet for
Decimal(12774849) contains.

| | |
|--|----|
| Decimal(12774849) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(12774849)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C2EDC1 |
| RGB | 194, 237, 193 |
| RGB Percent | 76%, 93%, 76% |
| CMY | 0.2392, 0.0706, 0.2431 |
| CMYK | 0.18, 0.00, 0.19, 0.07 |
| HSL | 119°, 55%, 84% |
| HSV | 119°, 19%, 93% |
| XYZ | 62.1580, 75.8880, 61.8238 |
| YIQ | 219.1270, -11.5040, -22.8000 |

Conversions

Conversions Part 2

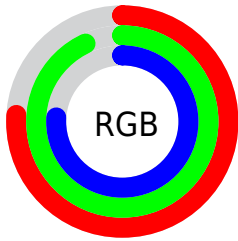
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 193, 237, 236 |
| Decimal | 12774849 |
| CIELab | 89.81, -22.07, 16.81 |
| CIElCh | 90, 27.742, 142.695 |
| Yxy | 75.8880, 0.3110, 0.3797 |
| Android (android.graphics.Color) | 4290964929 (0xFFC2EDC1) |
| YUV | 219.1270, -12.8806, -22.0364 |
| Hunter-Lab | 87.1137, -25.0844, 18.9020 |

Details

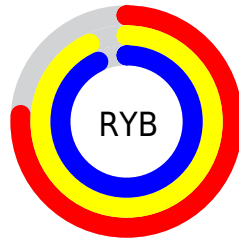
The Decimal color **12774849** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15516141**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16515066**, and **9221515** is the 20% darker color. If you saturate the color by 10%, you get **11267497**, and if you desaturate by 10%, it is **14282201**.

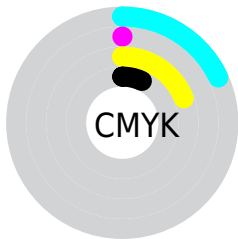
Distribution



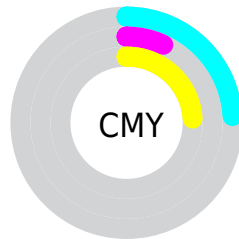
- Red (76%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (93%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12774849 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 12774849 by changing the saturation by 10% instead.

■ 12774849

16777215

■ 16515066

■ 12774849

■ 10998182

■ 9221515

■ 7510642

■ 5865561

■ 4220738

■ 2706987

■ 1128214

■ 8704

■ 0

 12774849

 12774849

 11267497

 14282201

 9760146

 15789552


 8252794

 16772607

 6679906

 5172554

 3665203

 2157851

 650499

 388352

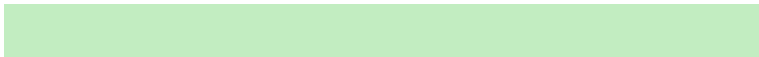
Harmonies

Analogous

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



14739121



12774849



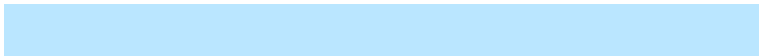
11006426

Triad

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



12774849



12248831



16765135

Complementary

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



12774849



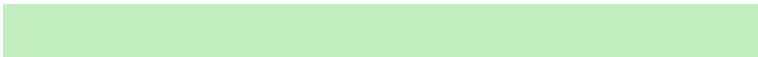
15516141

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.



16764905



12774849



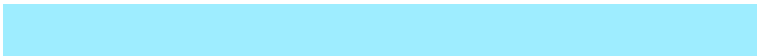
14605823

Square

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



12774849



10415615



16700927



16766393

Rectangle

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



12774849



10154476



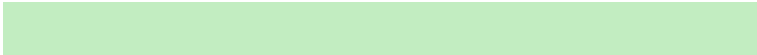
16700927



16764887

Sweetspot

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



12774849



15794160



15592641



7831671



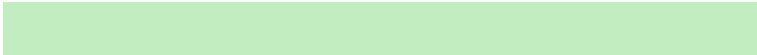
0



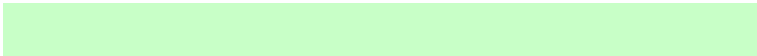
8421504

Same Dimension

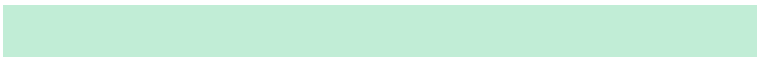
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12774849



13172679



12709334



6976874



308480



79360

Inverse Universe

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



15516141



16697343



15581656



7694965



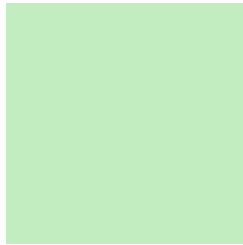
11600053



3407926

Previews

White Background



This preview shows how the Decimal color 12774849 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 12774849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

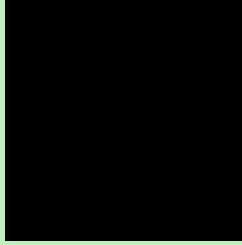
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

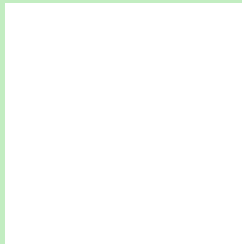
Any Text WCAG AAA ✓ Pass

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

Decimal 12774849 Background



This preview shows how black text looks on a background with the Decimal color 12774849.



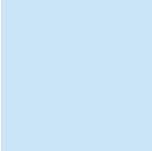
This preview shows how white text looks on a background with the Decimal color 12774849.

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





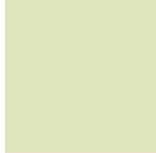
Tritanopia
13362680

Trichromacy



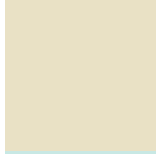
Original Color

12774849



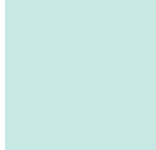
Protanomaly

14607805



Deuteranomaly

15327685



Tritanomaly

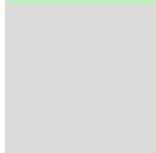
13166820

Monochromacy



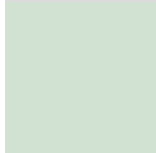
Original Color

12774849



Achromatopsia

14408667



Achromatomaly

13820626

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12774849 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 #C2EDC1 looks like.

```
.text, #text, p{  
    color:#C2EDC1  
}
```

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 #C2EDC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2EDC1
}
```

Border

The CSS property to change the border of an element to Decimal 12774849 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
#C2EDC1 }
```

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

```
.border{ border-color:#C2EDC1 }
```

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

Here you see how a box with a 4 pixel #C2EDC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2EDC1; -webkit-box-shadow:4px 4px  
4px 4px #C2EDC1; box-shadow:4px 4px 4px  
4px #C2EDC1 }
```

Background

The CSS property to change the background color of an element to Decimal 12774849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2EDC1 }
```

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

```
.background{ background-color:#C2EDC1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor