

# Converting Colors

Decimal(12773060)

Have a look what the booklet for  
Decimal(12773060) contains.

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# **Color**

**Decimal(12773060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2E6C4
RGB	194, 230, 196
RGB Percent	76%, 90%, 77%
CMY	0.2392, 0.0980, 0.2314
CMYK	0.16, 0.00, 0.15, 0.10
HSL	123°, 42%, 83%
HSV	123°, 16%, 90%
XYZ	60.5088, 72.0485, 62.9422
YIQ	215.3600, -10.5420, -18.2060

# Conversions

## Conversions Part 2

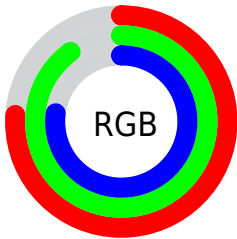
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 228, 230</a>
Decimal	<a href="#">12773060</a>
CIELab	<a href="#">87.99, -18.11, 12.69</a>
CIELCh	<a href="#">88, 22.117, 144.986</a>
Yxy	<a href="#">72.0485, 0.3095, 0.3685</a>
Android (android.graphics.Color)	<a href="#">4290963140 (0xFFC2E6C4)</a>
YUV	<a href="#">215.3600, -9.5445, -18.7327</a>
Hunter-Lab	<a href="#">84.8814, -21.2965, 15.4516</a>

# Details

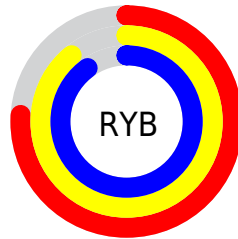
The Decimal color **12773060** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15123172**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16515069**, and **9219726** is the 20% darker color. If you saturate the color by 10%, you get **11265710**, and if you desaturate by 10%, it is **14280410**.

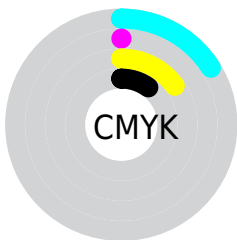
# Distribution



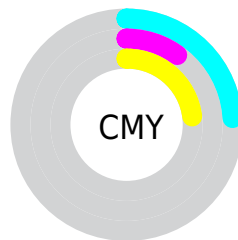
- Red (76%)
- Green (90%)
- Blue (77%)



- Red (76%)
- Yellow (89%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12773060 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 12773060 by changing the saturation by 10% instead.



■ 12773060

16777215

■ 16515069

■ 12773060

■ 10996393

■ 9219726

■ 7509109

■ 5864028

■ 4284740

■ 2771246

■ 1323545

■ 7680

■ 0

 12773060

 12773060

 11265710

 14280410

 9758361

 15787759

 8251011

 16770815

 6743661

 5236311

 3728962

 2221612

 714262

 58893

# Harmonies

## Analogous

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



14344630



12773060



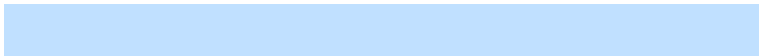
11463128

# Triad

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



12773060



12640511



16764876

# Complementary

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



12773060



15123172

# 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.



16764641



12773060



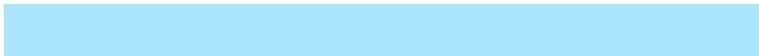
14473727

# Square

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



12773060



11265534



16110325



16765883

# Rectangle

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



12773060



10938855



16110325



16764627

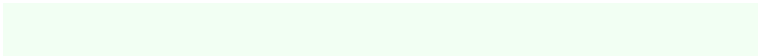


# Sweetspot

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



12773060



15925235



15001282



7897208



0



8421504

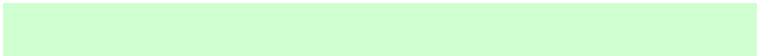


# Same Dimension

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



12773060



13631441



12773078



6779752



45834



13059



# Inverse Universe

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



15123172



16764924



15123154



7563122



11731113

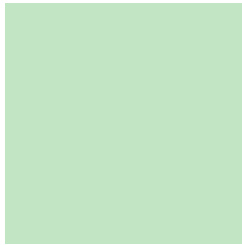


3342384



# Previews

## White Background



This preview shows how the Decimal color 12773060 looks on a white background.

## Color Contrast Check

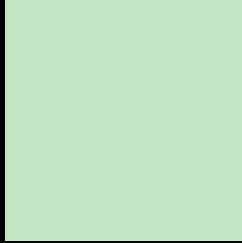
Large Text (above 18pt) WCAG AA × Fail

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 12773060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

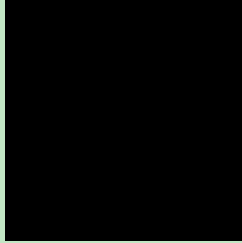
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

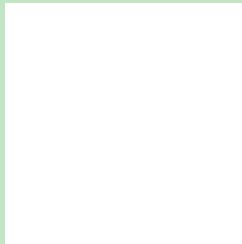
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12773060 Background



This preview shows how black text looks on a background with the Decimal color 12773060.

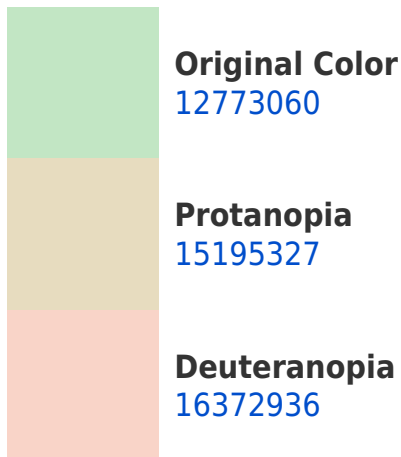


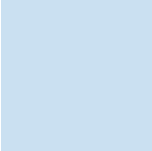
This preview shows how white text looks on a background with the Decimal color 12773060.

# 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



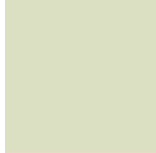


**Tritanopia**  
13295857

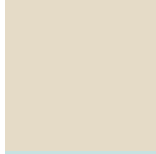
# Trichromacy



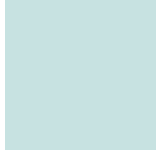
**Original Color**  
12773060



**Protanomaly**  
14344385



**Deuteranomaly**  
15064007

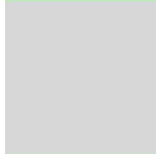


**Tritanomaly**  
13099745

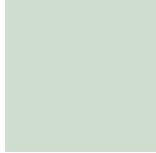
# Monochromacy



**Original Color**  
12773060



**Achromatopsia**  
14145495



**Achromatomaly**  
13622480

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12773060 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 #C2E6C4 looks like.

```
.text, #text, p{  
    color:#C2E6C4  
}
```

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 #C2E6C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E6C4
}
```

## Border

The CSS property to change the border of an element to Decimal 12773060 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
#C2E6C4 }
```

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

```
.border{ border-color:#C2E6C4 }
```

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

Here you see how a box with a 4 pixel #C2E6C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E6C4; -webkit-box-shadow:4px 4px  
4px 4px #C2E6C4; box-shadow:4px 4px 4px  
4px #C2E6C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12773060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E6C4 }
```

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

```
.background{ background-color:#C2E6C4 }
```

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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