

# Converting Colors

Decimal(12250074)

Have a look what the booklet for  
Decimal(12250074) contains.

<b>Decimal(12250074)</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(12250074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAEBDA
RGB	186, 235, 218
RGB Percent	73%, 92%, 85%
CMY	0.2706, 0.0784, 0.1451
CMYK	0.21, 0.00, 0.07, 0.08
HSL	159°, 55%, 83%
HSV	159°, 21%, 92%
XYZ	62.6129, 74.9177, 77.4902
YIQ	218.4110, -23.7470, -15.6750

# Conversions

## Conversions Part 2

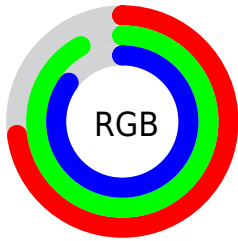
Format	Color
R <sub>YB</sub>	186, 216, 235
Decimal	12250074
CIE Lab	89.35, -19.06, 3.08
CIE LCh	89, 19.306, 170.813
Yxy	74.9177, 0.2912, 0.3484
Android (android.graphics.Color)	4290440154 (0xFFBAEBDA)
YUV	218.4110, -0.2026, -28.4244
Hunter-Lab	86.5550, -22.3464, 7.5079

# Details

The Decimal color **12250074** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15448779**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **15990783**, and **8696739** is the 20% darker color. If you saturate the color by 10%, you get **10742738**, and if you desaturate by 10%, it is **13822946**.

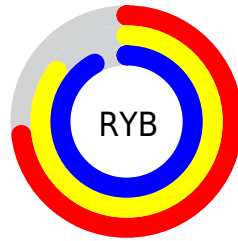
# Distribution



Red (73%)

Green (92%)

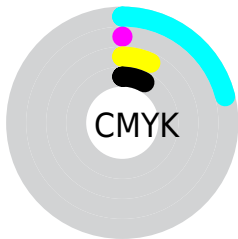
Blue (85%)



Red (73%)

Yellow (85%)

Blue (92%)

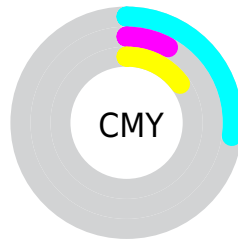


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (8%)



Cyan (27%)

Magenta (8%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12250074 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 12250074 by changing the saturation by 10% instead.





 12250074

 12250074

 10742738

 13822946

 9169866

 15330282

 7596994


 16772082

 6089657

 16772091

 4582321

 16772095

 3009449

 1436577

 60313

# Harmonies

## Analogous

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



13428937



12250074



11660269

# Triad

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



12250074



14540543



16767173

# Complementary

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



12250074



15448779

# 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.



16766164



12250074



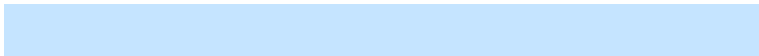
15980792

# Square

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



12250074



12969215



16766183



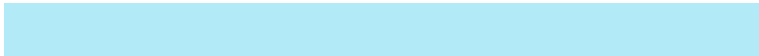
16113085

# Rectangle

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



12250074



11725560



16766183



16766665

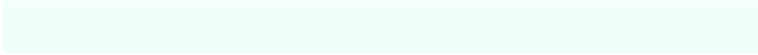


# Sweetspot

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



12250074



15794170



13364154



7831676



0



8421504

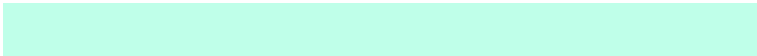


# Same Dimension

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



12250074



12582889



12248299



6976881



46454



13859



# Inverse Universe

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



15448779



16760789



15450554



7694958



11862079

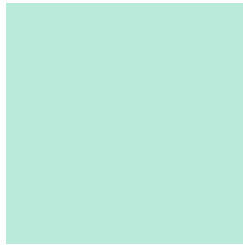


3538963



# Previews

## White Background



This preview shows how the Decimal color 12250074 looks on a white background.

## Color Contrast Check

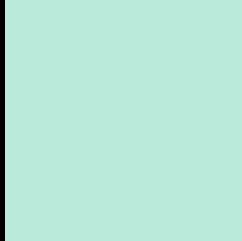
Large Text (above 18pt) WCAG AA × Fail

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 12250074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

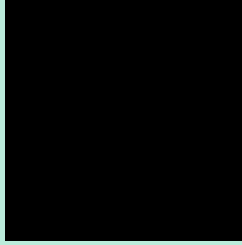
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

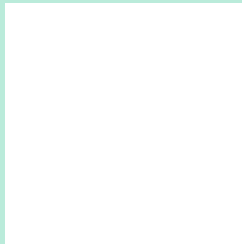
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12250074 Background



This preview shows how black text looks on a background with the Decimal color 12250074.

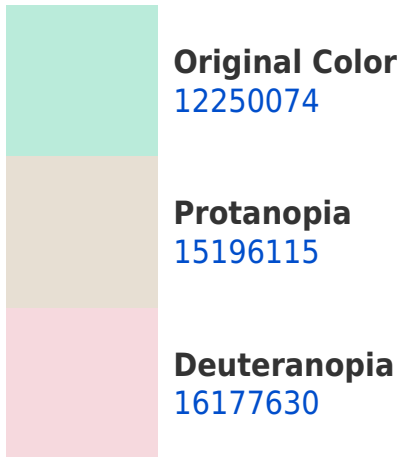


This preview shows how white text looks on a background with the Decimal color 12250074.

# 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





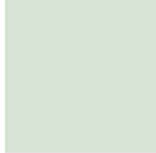
**Tritanopia**  
12642041

# Trichromacy



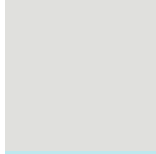
**Original Color**

12250074



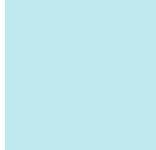
**Protanomaly**

14148566



**Deuteranomaly**

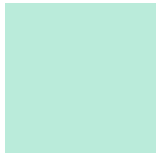
14737629



**Tritanomaly**

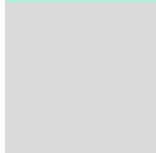
12511470

# Monochromacy



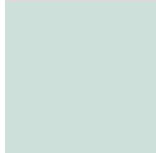
**Original Color**

12250074



**Achromatopsia**

14342874



**Achromatomaly**

13557978

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12250074 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 #BAEBDA looks like.

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

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 #BAEBDA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 12250074 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
#BAEBDA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 12250074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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