

# Converting Colors

Decimal(12576984)

Have a look what the booklet for  
Decimal(12576984) contains.

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# **Color**

**Decimal(12576984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFE8D8</a>
RGB	<a href="#">191, 232, 216</a>
RGB Percent	<a href="#">75%, 91%, 85%</a>
CMY	<a href="#">0.2510, 0.0902, 0.1529</a>
CMYK	<a href="#">0.18, 0.00, 0.07, 0.09</a>
HSL	<a href="#">157°, 47%, 83%</a>
HSV	<a href="#">157°, 18%, 91%</a>
XYZ	<a href="#">62.7371, 73.7475, 75.8938</a>
YIQ	<a href="#">217.9170, -19.3000, -13.6680</a>

# Conversions

## Conversions Part 2

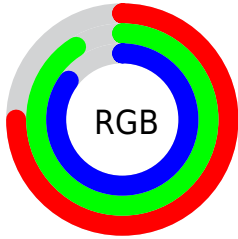
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 216, 232
Decimal	12576984
CIELab	88.80, -16.39, 3.37
CIELCh	89, 16.736, 168.396
Yxy	73.7475, 0.2954, 0.3472
Android (android.graphics.Color)	4290767064 (0xFFBFE8D8)
YUV	217.9170, -0.9451, -23.6062
Hunter-Lab	85.8763, -19.8800, 7.7155

# Details

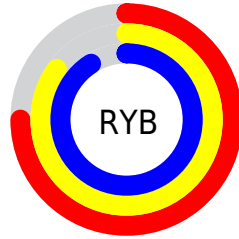
The Decimal color **12576984** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15253455**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16318463**, and **9023649** is the 20% darker color. If you saturate the color by 10%, you get **11069647**, and if you desaturate by 10%, it is **14084321**.

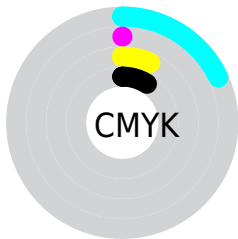
# Distribution



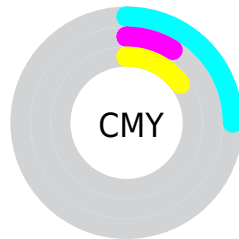
- Red (75%)
- Green (91%)
- Blue (85%)



- Red (75%)
- Yellow (85%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (25%)
- Magenta (9%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12576984 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 12576984 by changing the saturation by 10% instead.





 12576984

 12576984

 11069647

 14084321

 9562310

 15591658

 7989437

 16771315

 6482100

 16771324

 4974763

 16771327

 3467426

 1960089

 387216

 59533

# Harmonies

## Analogous

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



13624777



12576984



11987176

# Triad

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



12576984



14343677



16701384

# Complementary

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



12576984



15253455

# 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.



16766166



12576984



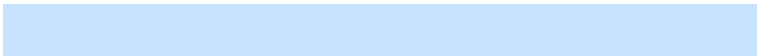
15653108

# Square

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



12576984



13099774



16569830



15916224

# Rectangle

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



12576984



12052466



16569830



16766668



# Sweetspot

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



12576984



15925242



13625535



7897213



0



8421504

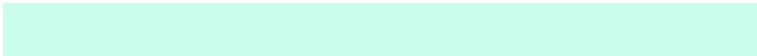


# Same Dimension

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



12576984



13238250



12575976



6779758



45933



13087



# Inverse Universe

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



15253455



16763358



15254463



7563116



11731014

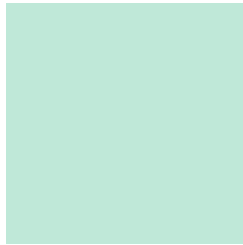


3342356



# Previews

## White Background



This preview shows how the Decimal color 12576984 looks on a white background.

## Color Contrast Check

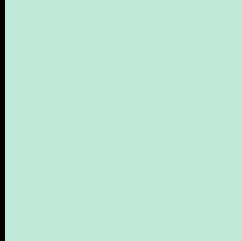
Large Text (above 18pt) WCAG AA × Fail

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 12576984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

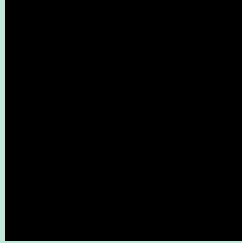
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

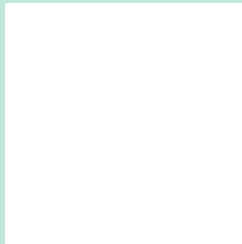
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12576984 Background



This preview shows how black text looks on a background with the Decimal color 12576984.

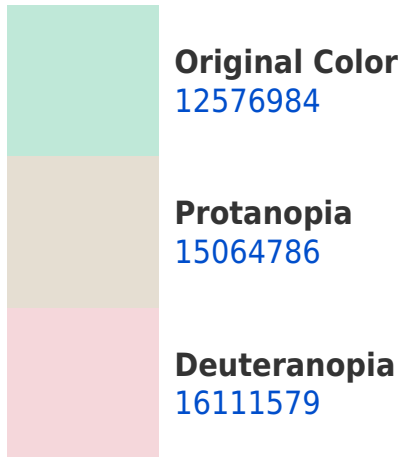


This preview shows how white text looks on a background with the Decimal color 12576984.

# 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](#).

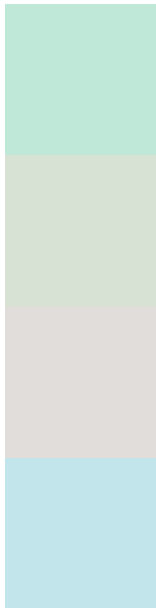
## Dichromacy





**Tritanopia**  
12903670

# Trichromacy



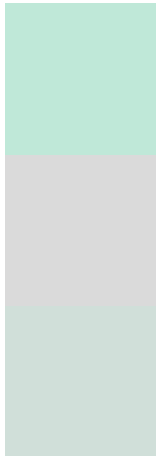
**Original Color**  
12576984

**Protanomaly**  
14148308

**Deuteranomaly**  
14802394

**Tritanomaly**  
12772843

# Monochromacy



**Original Color**  
12576984

**Achromatopsia**  
14342874

**Achromatomaly**  
13688793

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12576984 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 #BFE8D8 looks like.

```
.text, #text, p{  
    color:#BFE8D8  
}
```

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 #BFE8D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFE8D8
}
```

## Border

The CSS property to change the border of an element to Decimal 12576984 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
#BFE8D8 }
```

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

```
.border{ border-color:#BFE8D8 }
```

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

Here you see how a box with a 4 pixel #BFE8D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFE8D8; -webkit-box-shadow:4px 4px  
4px 4px #BFE8D8; box-shadow:4px 4px 4px  
4px #BFE8D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12576984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFE8D8 }
```

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

```
.background{ background-color:#BFE8D8 }
```

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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