

# Converting Colors

Decimal(11987361)

Have a look what the booklet for  
Decimal(11987361) contains.

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# **Color**

**Decimal(11987361)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6E9A1
RGB	182, 233, 161
RGB Percent	71%, 91%, 63%
CMY	0.2863, 0.0863, 0.3686
CMYK	0.22, 0.00, 0.31, 0.09
HSL	102°, 62%, 77%
HSV	102°, 31%, 91%
XYZ	54.8633, 70.7961, 44.4916
YIQ	209.5430, -7.2840, -33.2040

# Conversions

## Conversions Part 2

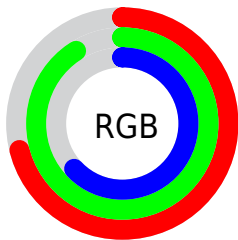
Format	Color
<b>RYB</b>	161, 233, 212
Decimal	11987361
CIELab	87.39, -29.32, 29.84
CIElCh	87, 41.832, 134.495
Yxy	70.7961, 0.3224, 0.4161
Android (android.graphics.Color)	4290177441 (0xFFB6E9A1)
YUV	209.5430, -23.9317, -24.1552
Hunter-Lab	84.1404, -30.8557, 27.5470

# Details

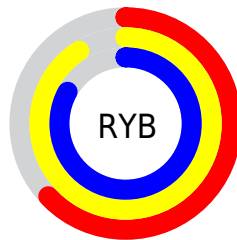
The Decimal color **11987361** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **13935081**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **15728600**, and **8434029** is the 20% darker color. If you saturate the color by 10%, you get **10873226**, and if you desaturate by 10%, it is **13101496**.

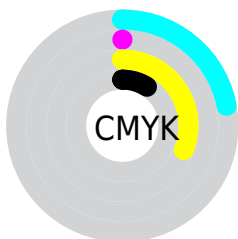
# Distribution



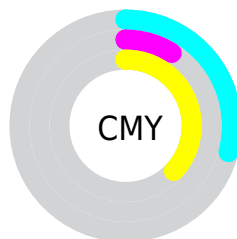
- Red (71%)
- Green (91%)
- Blue (63%)



- Red (63%)
- Yellow (91%)
- Blue (83%)



- Cyan (22%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11987361 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 11987361 by changing the saturation by 10% instead.





 11987361

 11987361

 10873226

 13101496

 9824626

 14150096

 8710491

 15264231

 7661892

 16312830

 6547756

 16771583

 5499157

 4516096

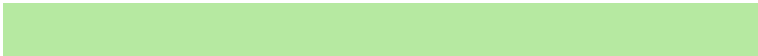
# Harmonies

## Analogous

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



14933901



11987361



8777668

# Triad

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



11987361



8578559



16760265

# Complementary

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



11987361



13935081

# 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.



16760817



11987361



12769535

# Square

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



11987361



5172735



16304895



16762021

# Rectangle

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



11987361



6681056



16304895



16760022



# Sweetspot

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



11987361



15728616



15324065



7766129



0



8421504

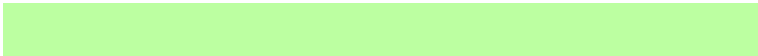


# Same Dimension

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



11987361



12386209



10611119



7173482



3519744



1062400



# Inverse Universe

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



13935081



14918143



15311323



7498357



8388789

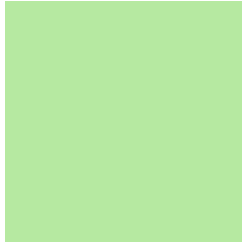


2490422



# Previews

## White Background



This preview shows how the Decimal color 11987361 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 11987361 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 11987361 Background



This preview shows how black text looks on a background with the Decimal color 11987361.



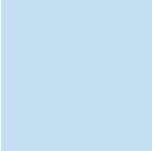
This preview shows how white text looks on a background with the Decimal color 11987361.

# 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





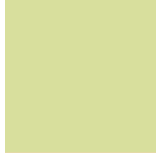
**Tritanopia**  
12836849

# Trichromacy



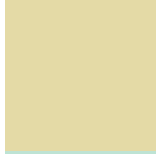
**Original Color**

11987361



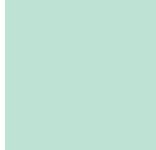
**Protanomaly**

14213021



**Deuteranomaly**

14998182



**Tritanomaly**

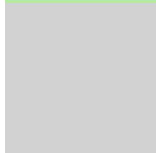
12510164

# Monochromacy



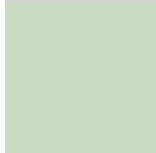
**Original Color**

11987361



**Achromatopsia**

13816530



**Achromatomaly**

13163200

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11987361 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 #B6E9A1 looks like.

```
.text, #text, p{  
    color:#B6E9A1  
}
```

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 #B6E9A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E9A1
}
```

## Border

The CSS property to change the border of an element to Decimal 11987361 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
#B6E9A1 }
```

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

```
.border{ border-color:#B6E9A1 }
```

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

Here you see how a box with a 4 pixel #B6E9A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E9A1; -webkit-box-shadow:4px 4px  
4px 4px #B6E9A1; box-shadow:4px 4px 4px  
4px #B6E9A1 }
```

# Background

The CSS property to change the background color of an element to Decimal 11987361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E9A1 }
```

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

```
.background{ background-color:#B6E9A1 }
```

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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