

# Converting Colors

Decimal(11989430)

Have a look what the booklet for  
Decimal(11989430) contains.

<b>Decimal(11989430)</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(11989430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6F1B6
RGB	182, 241, 182
RGB Percent	71%, 95%, 71%
CMY	0.2863, 0.0549, 0.2863
CMYK	0.24, 0.00, 0.24, 0.05
HSL	120°, 68%, 83%
HSV	120°, 24%, 95%
XYZ	59.1902, 76.2331, 55.8508
YIQ	216.6330, -16.2250, -30.8570

# Conversions

## Conversions Part 2

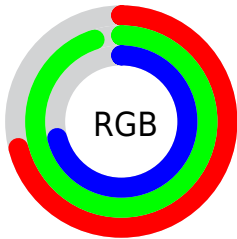
Format	Color
<a href="#">RYB</a>	<a href="#">182, 241, 241</a>
Decimal	<a href="#">11989430</a>
CIELab	<a href="#">89.97, -29.78, 22.60</a>
CIElCh	<a href="#">90, 37.385, 142.797</a>
Yxy	<a href="#">76.2331, 0.3095, 0.3986</a>
Android (android.graphics.Color)	<a href="#">4290179510 (0xFFB6F1B6)</a>
YUV	<a href="#">216.6330, -17.0741, -30.3731</a>
Hunter-Lab	<a href="#">87.3116, -31.7866, 23.1919</a>

# Details

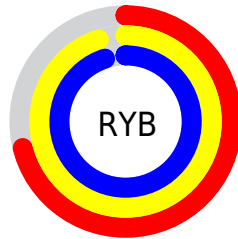
The Decimal color **11989430** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15841009**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **15728622**, and **8436097** is the 20% darker color. If you saturate the color by 10%, you get **10416542**, and if you desaturate by 10%, it is **13562318**.

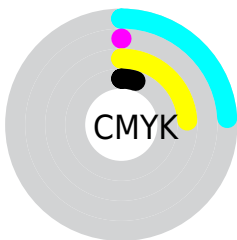
# Distribution



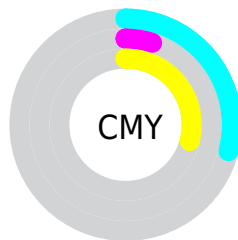
- Red (71%)
- Green (95%)
- Blue (71%)



- Red (71%)
- Yellow (95%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11989430 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 11989430 by changing the saturation by 10% instead.



■ 11989430

■ 11989430

16777215

■ 10212507

■ 15728622

■ 8436097

■ 6725223

■ 5014351

■ 3369528

■ 1659169

■ 14859

■ 9216

■ 0


 11989430

 11989430

 10416542

 13562318

 8843654

 15135206

 7270766


 16708094

 5697878

 16773631

 4059453

 2486565

 913677

 61696

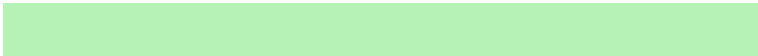
# Harmonies

## Analogous

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



14674336



11989430



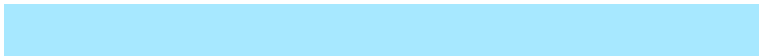
9303512

# Triad

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



11989430



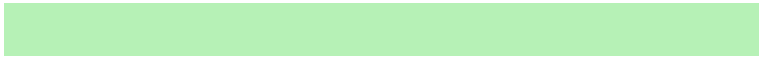
11004159



16763336

# Complementary

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



11989430



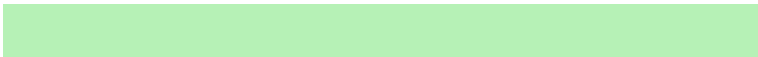
15841009

# 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.



16763116



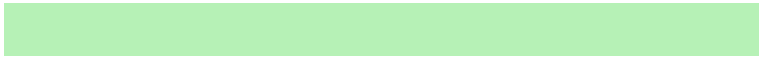
11989430



14408959

# Square

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



11989430



8057343



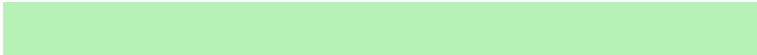
16765183



16765355

# Rectangle

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



11989430



7862001



16765183

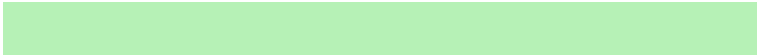


16763092



# Sweetspot

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



11989430



15597549



15856054



7700597



0

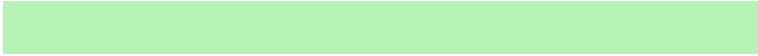


8421504

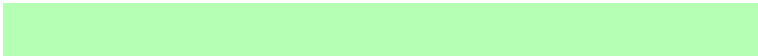


# Same Dimension

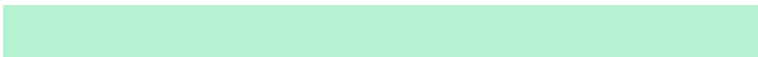
The Same Dimension uses a secret algorithm to generate beautiful new colors.



11989430



11927477



11989459



7108716



47104



14336



# Inverse Universe

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



15841009



16758271



15840979



7892088



12058808

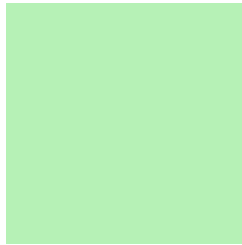


3670072



# Previews

## White Background



This preview shows how the Decimal color 11989430 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 11989430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

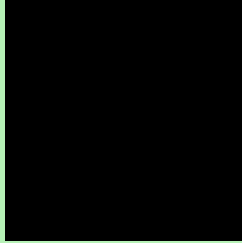
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

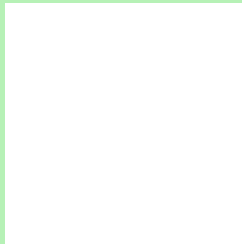
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11989430 Background



This preview shows how black text looks on a background with the Decimal color 11989430.

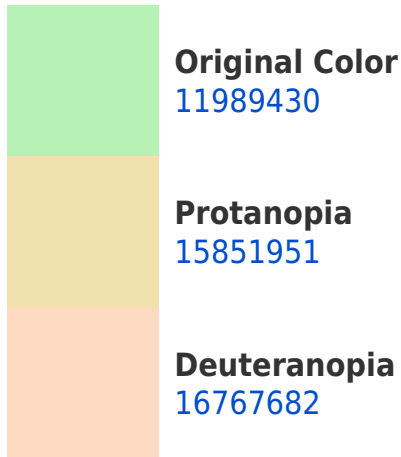


This preview shows how white text looks on a background with the Decimal color 11989430.

# 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





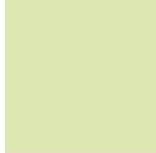
**Tritanopia**  
12773626

# Trichromacy



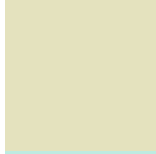
**Original Color**

11989430



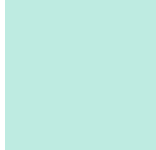
**Protanomaly**

14477234



**Deuteranomaly**

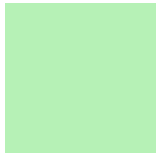
15000254



**Tritanomaly**

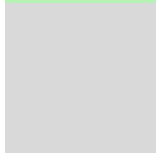
12512225

# Monochromacy



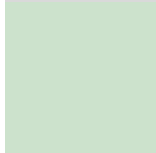
**Original Color**

11989430



**Achromatopsia**

14277081



**Achromatomaly**

13427404

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11989430 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 #B6F1B6 looks like.

```
.text, #text, p{  
    color:#B6F1B6  
}
```

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 #B6F1B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6F1B6
}
```

## Border

The CSS property to change the border of an element to Decimal 11989430 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
#B6F1B6 }
```

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

```
.border{ border-color:#B6F1B6 }
```

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

Here you see how a box with a 4 pixel #B6F1B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6F1B6; -webkit-box-shadow:4px 4px  
4px 4px #B6F1B6; box-shadow:4px 4px 4px  
4px #B6F1B6 }
```

# Background

The CSS property to change the background color of an element to Decimal 11989430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6F1B6 }
```

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

```
.background{ background-color:#B6F1B6 }
```

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