

# Converting Colors

Decimal(11789001)

Have a look what the booklet for  
Decimal(11789001) contains.

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# **Color**

**Decimal(11789001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3E2C9
RGB	179, 226, 201
RGB Percent	70%, 89%, 79%
CMY	0.2980, 0.1137, 0.2118
CMYK	0.21, 0.00, 0.11, 0.11
HSL	148°, 45%, 79%
HSV	148°, 21%, 89%
XYZ	56.3294, 68.1935, 65.4521
YIQ	209.0970, -19.9870, -17.7390

# Conversions

## Conversions Part 2

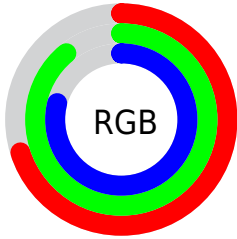
Format	Color
<a href="#">RYB</a>	<a href="#">179, 211, 226</a>
Decimal	<a href="#">11789001</a>
CIELab	<a href="#">86.10, -20.11, 7.25</a>
CIELCh	<a href="#">86, 21.379, 160.182</a>
Yxy	<a href="#">68.1935, 0.2965, 0.3590</a>
Android (android.graphics.Color)	<a href="#">4289979081 (0xFFB3E2C9)</a>
YUV	<a href="#">209.0970, -3.9918, -26.3951</a>
Hunter-Lab	<a href="#">82.5793, -22.7546, 10.8125</a>

# Details

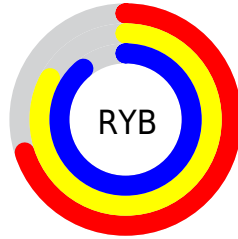
The Decimal color **11789001** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14857164**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **15466495**, and **8235923** is the 20% darker color. If you saturate the color by 10%, you get **10281661**, and if you desaturate by 10%, it is **13296341**.

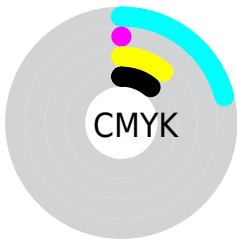
# Distribution



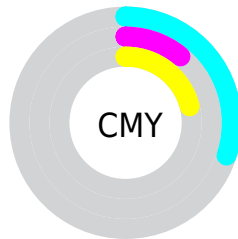
- Red (70%)
- Green (89%)
- Blue (79%)



- Red (70%)
- Yellow (83%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11789001 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 11789001 by changing the saturation by 10% instead.



 11789001

 11789001

16777215

 10012334

 15466495

 8235923

 6590585

 4945504

 3366217

 1787186

 143133

 7172

 0

 11789001

 11789001

 10281661

 13296341

 8839857

 14738145

 7332517

 16245485

 5890713

 16769785

 4383373

 16769791

 2876033

 1434229

 57962

# Harmonies

## Analogous

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



13229752



11789001



10806238

# Triad

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



11789001



13228031



16764094

# Complementary

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



11789001



14857164

# 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.



16763345



11789001



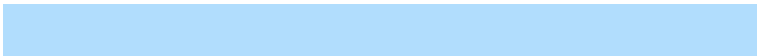
14995702

# Square

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



11789001



11656701



16305126



15979186

# Rectangle

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



11789001



10609387



16305126



16763844



# Sweetspot

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



11789001



15794167



13427379



7831675



0



8421504

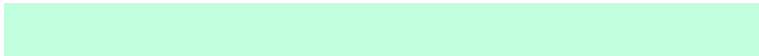


# Same Dimension

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



11789001



12582877



11789024



6647914



45138



12311



# Inverse Universe

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



14857164



16760801



14857141



7365995



11534430

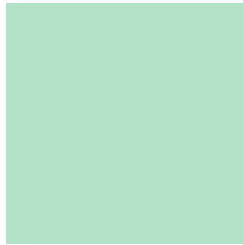


3145754



# Previews

## White Background



This preview shows how the Decimal color 11789001 looks on a white background.

## Color Contrast Check

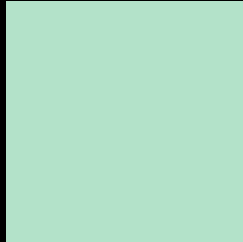
Large Text (above 18pt) WCAG AA × Fail

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 11789001 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

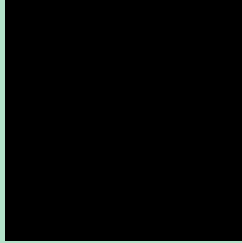
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

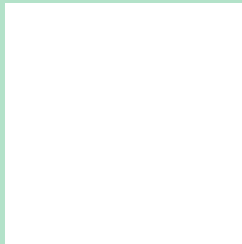
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11789001 Background



This preview shows how black text looks on a background with the Decimal color 11789001.



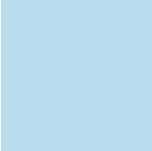
This preview shows how white text looks on a background with the Decimal color 11789001.

# 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





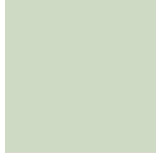
**Tritanopia**  
12246510

# Trichromacy



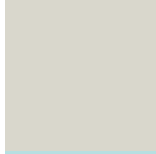
**Original Color**

11789001



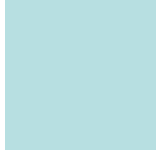
**Protanomaly**

13621957



**Deuteranomaly**

14276556



**Tritanomaly**

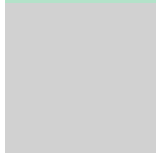
12050401

# Monochromacy



**Original Color**

11789001



**Achromatopsia**

13750737



**Achromatomaly**

13031374

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11789001 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 #B3E2C9 looks like.

```
.text, #text, p{  
    color:#B3E2C9  
}
```

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 #B3E2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E2C9
}
```

## Border

The CSS property to change the border of an element to Decimal 11789001 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
#B3E2C9 }
```

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

```
.border{ border-color:#B3E2C9 }
```

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

Here you see how a box with a 4 pixel #B3E2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E2C9; -webkit-box-shadow:4px 4px  
4px 4px #B3E2C9; box-shadow:4px 4px 4px  
4px #B3E2C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11789001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E2C9 }
```

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

```
.background{ background-color:#B3E2C9 }
```

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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