

Converting Colors

Decimal(11918240)

Have a look what the booklet for
Decimal(11918240) contains.

| | |
|--|----|
| Decimal(11918240) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(11918240)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B5DBA0 |
| RGB | 181, 219, 160 |
| RGB Percent | 71%, 86%, 63% |
| CMY | 0.2902, 0.1412, 0.3725 |
| CMYK | 0.17, 0.00, 0.27, 0.14 |
| HSL | 99°, 45%, 74% |
| HSV | 99°, 27%, 86% |
| XYZ | 50.7327, 63.0249, 42.7488 |
| YIQ | 200.9120, -3.7090, -26.4050 |

Conversions

Conversions Part 2

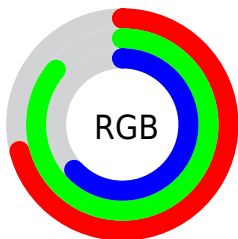
| Format | Color |
|-------------------------------------|--|
| RYB | 160, 219, 198 |
| Decimal | 11918240 |
| CIELab | 83.46, -23.10, 25.03 |
| CIELCh | 83, 34.056, 132.705 |
| Yxy | 63.0249, 0.3242, 0.4027 |
| Android (android.graphics.Color) | 4290108320 (0xFFB5DBA0) |
| YUV | 200.9120, -20.1696, -17.4628 |
| Hunter-Lab | 79.3882, -24.8596, 23.6454 |

Details

The Decimal color **11918240** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **13017307**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **15597527**, and **8365164** is the 20% darker color. If you saturate the color by 10%, you get **11000714**, and if you desaturate by 10%, it is **12835766**.

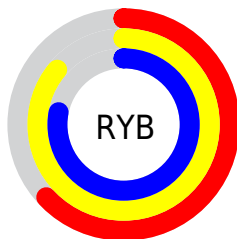
Distribution



Red (71%)

Green (86%)

Blue (63%)



Red (63%)

Yellow (86%)

Blue (78%)

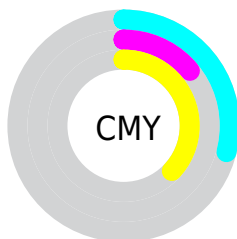


Cyan (17%)

Magenta (0%)

Yellow (27%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11918240 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 11918240 by changing the saturation by 10% instead.

 11918240

 11918240

16777215

 10141574

 15597527


 8365164

 16777204

 6719827

 5075004

 3495717

 1916943

 534784

 5120

 0

 11918240


 11918240

 11000714

 12835766

 10083188

 13753292

 9165662

 14670818

 8248136

 15588344

 7265075

 16571391

 6347549

 16767999

 5430023

 5167872

Harmonies

Analogous

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



14275217



11918240



9494716

Triad

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



11918240



9230591



16758979

Complementary

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



11918240



13017307

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.



16759524



11918240



12242687

Square

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



11918240



7200762



15123455



16760486

Rectangle

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



11918240



8053458



15123455



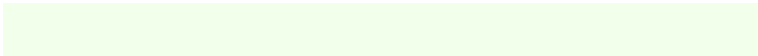
16758990

Sweetspot

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



11918240



15925227



14402976



7831667



0



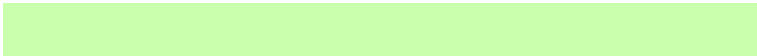
8421504

Same Dimension

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



11918240



13303725



10541992



6778467



4107520



1060352

Inverse Universe

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



13017307



14855679



14393555



6972270



7340205



1966126

Previews

White Background



This preview shows how the Decimal color 11918240 looks on a white background.

Color Contrast Check

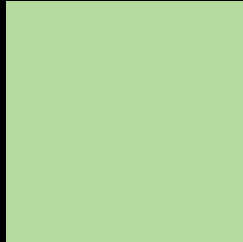
Large Text (above 18pt) WCAG AA × Fail

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 11918240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

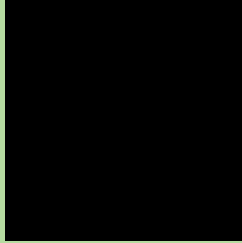
Any Text WCAG AA ✓ Pass

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 11918240 Background



This preview shows how black text looks on a background with the Decimal color 11918240.

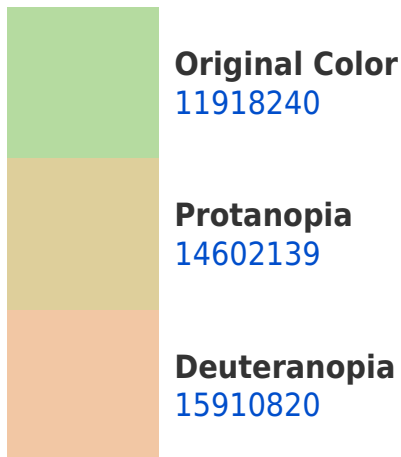


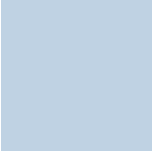
This preview shows how white text looks on a background with the Decimal color 11918240.

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](#).

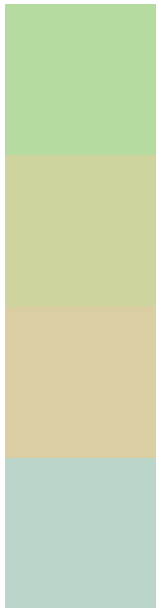
Dichromacy





Tritanopia
12571363

Trichromacy



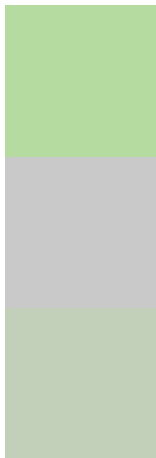
Original Color
11918240

Protanomaly
13620125

Deuteranomaly
14470819

Tritanomaly
12309963

Monochromacy



Original Color
11918240

Achromatopsia
13224393

Achromatomaly
12767418

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11918240 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 #B5DBA0 looks like.

```
.text, #text, p{  
    color:#B5DBA0  
}
```

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 #B5DBA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DBA0
}
```

Border

The CSS property to change the border of an element to Decimal 11918240 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
#B5DBA0 }
```

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

```
.border{ border-color:#B5DBA0 }
```

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

Here you see how a box with a 4 pixel #B5DBA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DBA0; -webkit-box-shadow:4px 4px  
4px 4px #B5DBA0; box-shadow:4px 4px 4px  
4px #B5DBA0 }
```

Background

The CSS property to change the background color of an element to Decimal 11918240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DBA0 }
```

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

```
.background{ background-color:#B5DBA0 }
```

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