

Converting Colors

Decimal(11729059)

Have a look what the booklet for
Decimal(11729059) contains.

Decimal(11729059)	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(11729059)

Conversions

Conversions Part 1

Format	Color
Hex	B2F8A3
RGB	178, 248, 163
RGB Percent	70%, 97%, 64%
CMY	0.3020, 0.0275, 0.3608
CMYK	0.28, 0.00, 0.34, 0.03
HSL	109°, 86%, 81%
HSV	109°, 34%, 97%
XYZ	58.5384, 79.2441, 46.8607
YIQ	217.3800, -14.4350, -41.2750

Conversions

Conversions Part 2

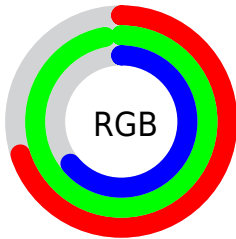
Format	Color
RYB	163, 248, 233
Decimal	11729059
CIELab	91.34, -37.29, 34.08
CIElCh	91, 50.512, 137.575
Yxy	79.2441, 0.3170, 0.4292
Android (android.graphics.Color)	4289919139 (0xFFB2F8A3)
YUV	217.3800, -26.8093, -34.5363
Hunter-Lab	89.0192, -38.4032, 31.1025

Details

The Decimal color **11729059** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **15311864**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **15466459**, and **8109934** is the 20% darker color. If you saturate the color by 10%, you get **10418314**, and if you desaturate by 10%, it is **13039804**.

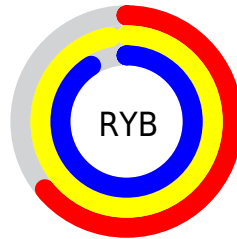
Distribution



Red (70%)

Green (97%)

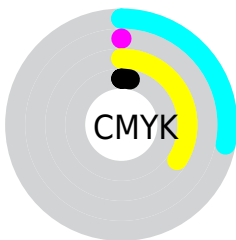
Blue (64%)



Red (64%)

Yellow (97%)

Blue (91%)

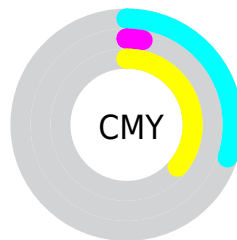


Cyan (28%)

Magenta (0%)

Yellow (34%)

Black (3%)



Cyan (30%)

Magenta (3%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 11729059 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 11729059 by changing the saturation by 10% instead.



 11729059

 11729059

 10418314

 13039804

 9042033

 14416085

 7731289

 15726829

 6355008

 16775423

 5044263

 3667982

 2947072

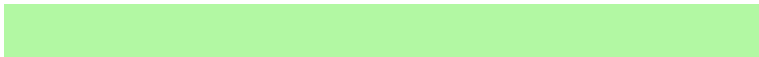
Harmonies

Analogous

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



15330440



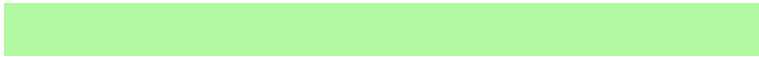
11729059



7405520

Triad

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



11729059



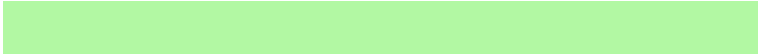
7795199



16761291

Complementary

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



11729059



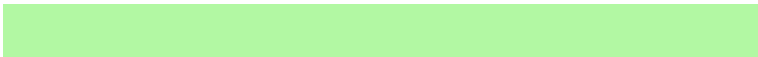
15311864

Split Complementary

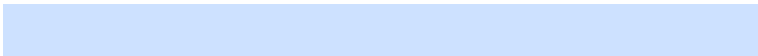
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16761596



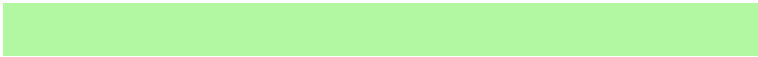
11729059



13492735

Square

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



11729059



64511



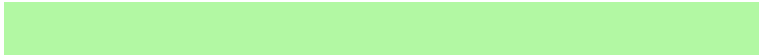
16764927



16764065

Rectangle

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



11729059



3473393



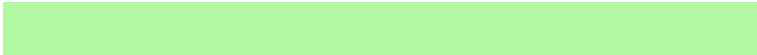
16764927



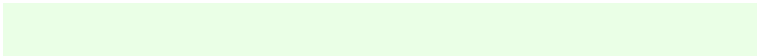
16761052

Sweetspot

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



11729059



15400934



16312483



7569520



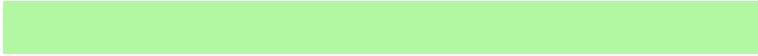
0



8421504

Same Dimension

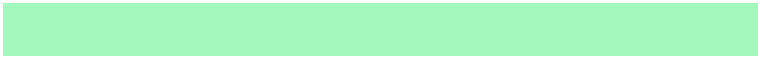
The Same Dimension uses a secret algorithm to generate beautiful new colors.



11729059



11141014



10746046



7568752



2211072



736512

Inverse Universe

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



15311864



15570687



16294877



8089725



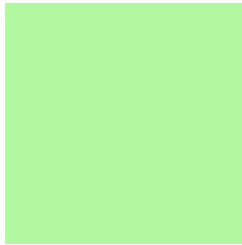
10158269



3276861

Previews

White Background



This preview shows how the Decimal color 11729059 looks on a white background.

Color Contrast Check

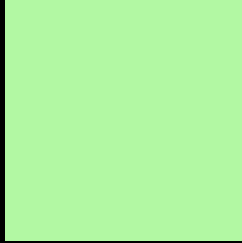
Large Text (above 18pt) WCAG AA × Fail

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 11729059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

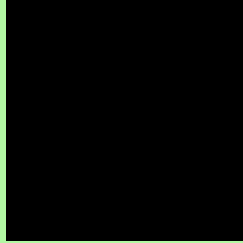
Any Text WCAG AA ✓ Pass

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 11729059 Background



This preview shows how black text looks on a background with the Decimal color 11729059.

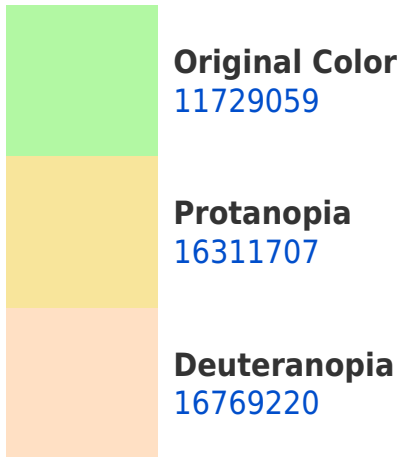


This preview shows how white text looks on a background with the Decimal color 11729059.

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





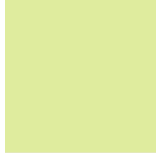
Tritanopia
12840191

Trichromacy



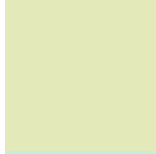
Original Color

11729059



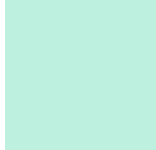
Protanomaly

14675102



Deuteranomaly

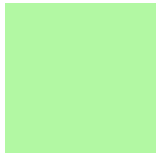
14936504



Tritanomaly

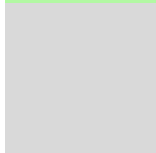
12447966

Monochromacy



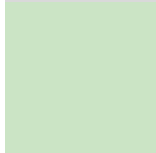
Original Color

11729059



Achromatopsia

14277081



Achromatomaly

13362373

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11729059 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 #B2F8A3 looks like.

```
.text, #text, p{  
    color:#B2F8A3  
}
```

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 #B2F8A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2F8A3
}
```

Border

The CSS property to change the border of an element to Decimal 11729059 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
#B2F8A3 }
```

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

```
.border{ border-color:#B2F8A3 }
```

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

Here you see how a box with a 4 pixel #B2F8A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2F8A3; -webkit-box-shadow:4px 4px  
4px 4px #B2F8A3; box-shadow:4px 4px 4px  
4px #B2F8A3 }
```

Background

The CSS property to change the background color of an element to Decimal 11729059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2F8A3 }
```

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

```
.background{ background-color:#B2F8A3 }
```

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