

Converting Colors

Decimal(12974495)

Have a look what the booklet for
Decimal(12974495) contains.

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Color

Decimal(12974495)

Conversions

Conversions Part 1

Format	Color
Hex	C5F99F
RGB	197, 249, 159
RGB Percent	77%, 98%, 62%
CMY	0.2275, 0.0235, 0.3765
CMYK	0.21, 0.00, 0.36, 0.02
HSL	95°, 88%, 80%
HSV	95°, 36%, 98%
XYZ	63.1596, 82.1249, 45.3237
YIQ	223.1920, -2.1020, -39.0140

Conversions

Conversions Part 2

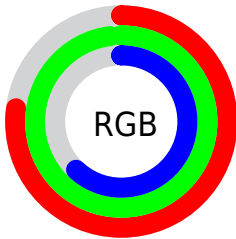
Format	Color
RYB	159, 249, 211
Decimal	12974495
CIELab	92.63, -31.91, 37.96
CIELCh	93, 49.594, 130.054
Yxy	82.1249, 0.3314, 0.4309
Android (android.graphics.Color)	4291164575 (0xFFC5F99F)
YUV	223.1920, -31.6467, -22.9704
Hunter-Lab	90.6228, -34.1841, 33.7829

Details

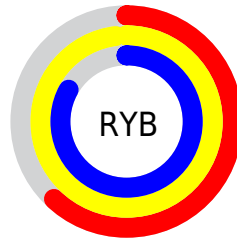
The Decimal color **12974495** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **13869049**, and the grayscale version is **14737632**.

A 20% lighter version of the original color is **16777174**, and **9355370** is the 20% darker color. If you saturate the color by 10%, you get **12056966**, and if you desaturate by 10%, it is **13892024**.

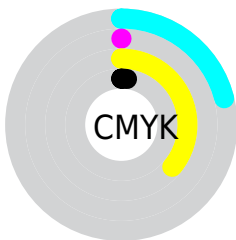
Distribution



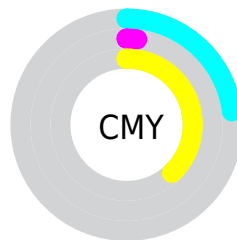
- Red (77%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (83%)



- Cyan (21%)
- Magenta (0%)
- Yellow (36%)
- Black (2%)



- Cyan (23%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 12974495 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 12974495 by changing the saturation by 10% instead.

 12974495

 12974495

16777215

 11132036

 16777174

 9355370

 16777203

 7578961

 5868088

 4157728

 2447364

 671744

 10752

 4352

 12974495


 12974495

 12056966

 13892024

 11073901

 14875089

 10156372

 15792618

 9173307

 16775679

 8255778

 7338250

 6945024

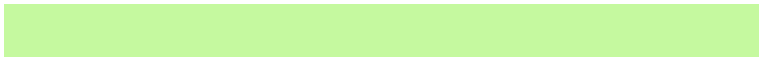
Harmonies

Analogous

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



16379018



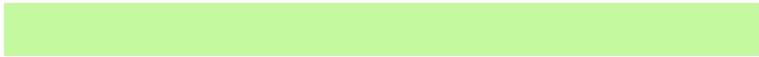
12974495



9043912

Triad

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



12974495



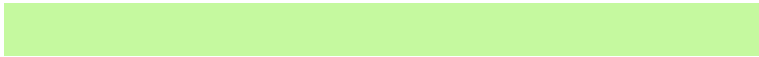
6748415



16762075

Complementary

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



12974495



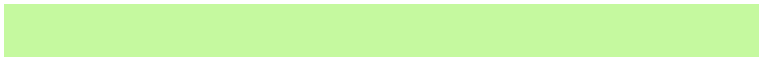
13869049

Split Complementary

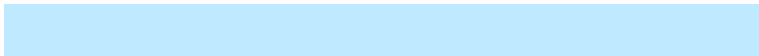
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16763391



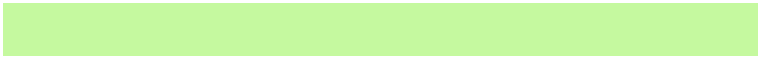
12974495



12511743

Square

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



12974495



65535



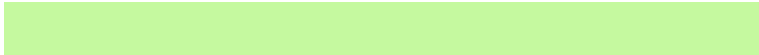
16767231



16764079

Rectangle

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



12974495



5898216



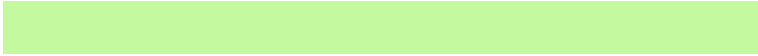
16767231



16762092

Sweetspot

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



12974495



15728611



16372383



7766127



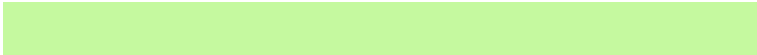
0



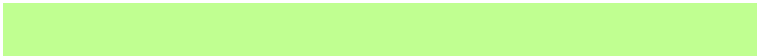
8421504

Same Dimension

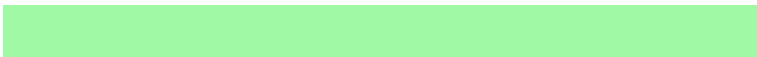
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12974495



12648337



10484133



7765360



5291264



1719552

Inverse Universe

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



13869049



13734399



16359411



7893117



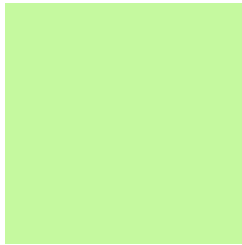
7143613



2293821

Previews

White Background



This preview shows how the Decimal color 12974495 looks on a white background.

Color Contrast Check

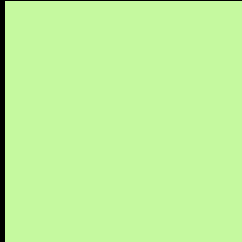
Large Text (above 18pt) WCAG AA × Fail

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 12974495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

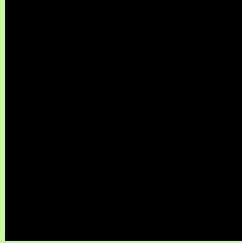
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

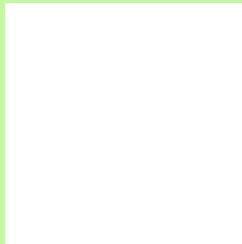
Any Text WCAG AAA ✓ Pass

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

Decimal 12974495 Background



This preview shows how black text looks on a background with the Decimal color 12974495.

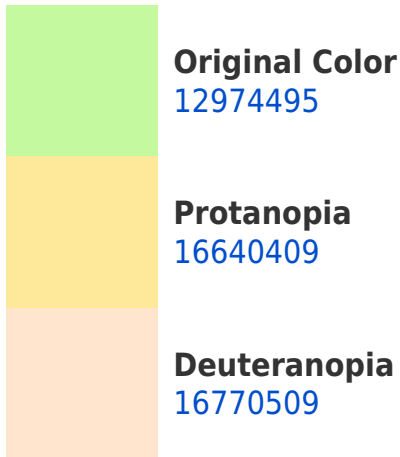


This preview shows how white text looks on a background with the Decimal color 12974495.

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



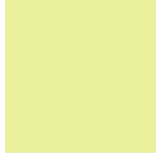


Tritanopia
14020095

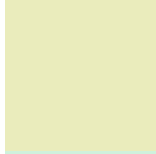
Trichromacy



Original Color
12974495



Protanomaly
15331227



Deuteranomaly
15396028

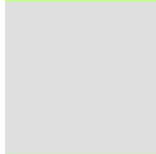


Tritanomaly
13627868

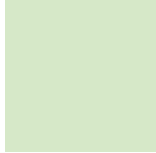
Monochromacy



Original Color
12974495



Achromatopsia
14671839



Achromatomaly
14084296

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12974495 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 #C5F99F looks like.

```
.text, #text, p{  
    color:#C5F99F  
}
```

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 #C5F99F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5F99F
}
```

Border

The CSS property to change the border of an element to Decimal 12974495 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
#C5F99F }
```

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

```
.border{ border-color:#C5F99F }
```

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

Here you see how a box with a 4 pixel #C5F99F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5F99F; -webkit-box-shadow:4px 4px  
4px 4px #C5F99F; box-shadow:4px 4px 4px  
4px #C5F99F }
```

Background

The CSS property to change the background color of an element to Decimal 12974495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5F99F }
```

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

```
.background{ background-color:#C5F99F }
```

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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