

Converting Colors

Decimal(13500325)

Have a look what the booklet for
Decimal(13500325) contains.

Decimal(13500325)	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(13500325)

Conversions

Conversions Part 1

Format	Color
Hex	CDFFA5
RGB	205, 255, 165
RGB Percent	80%, 100%, 65%
CMY	0.1961, 0.0000, 0.3529
CMYK	0.20, 0.00, 0.35, 0.00
HSL	93°, 100%, 82%
HSV	93°, 35%, 100%
XYZ	67.7284, 87.2157, 48.8620
YIQ	229.7900, -0.9100, -38.5900

Conversions

Conversions Part 2

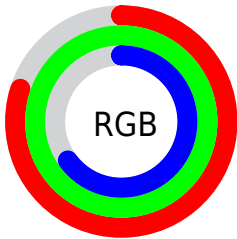
Format	Color
RYB	165, 255, 215
Decimal	13500325
CIELab	94.83, -31.12, 37.97
CIELCh	95, 49.089, 129.341
Yxy	87.2157, 0.3323, 0.4279
Android (android.graphics.Color)	4291690405 (0xFFCDDFA5)
YUV	229.7900, -31.9415, -21.7408
Hunter-Lab	93.3894, -33.9786, 34.3516

Details

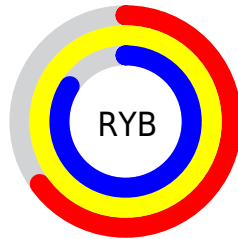
The Decimal color **13500325** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **14132735**, and the grayscale version is **15132390**.

A 20% lighter version of the original color is **16777181**, and **9815664** is the 20% darker color. If you saturate the color by 10%, you get **12582796**, and if you desaturate by 10%, it is **14417855**.

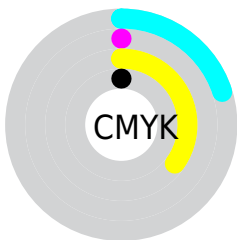
Distribution



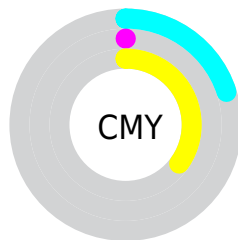
- Red (80%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13500325 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 13500325 by changing the saturation by 10% instead.



13500325



13500325

16777215



11657866



16777181



9815664



16777210



8039255



6328382



4617765



2972939



1197312



11776



6656

 13500325

 13500325

 12582796

 14417855

 11665266

 15335384

 10747737

 16318450

 9764671

16777215

 8847142

 7929612

 7470848

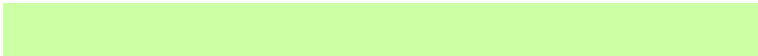
Harmonies

Analogous

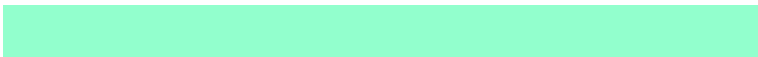
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16773777



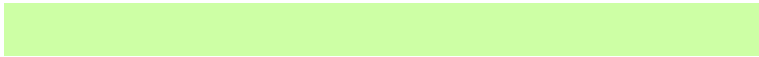
13500325



9633741

Triad

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



13500325



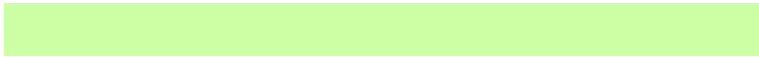
7339775



16763875

Complementary

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



13500325



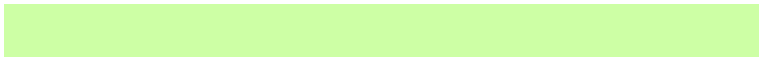
14132735

Split Complementary

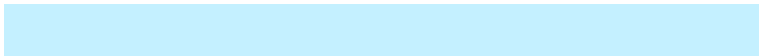
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16765183



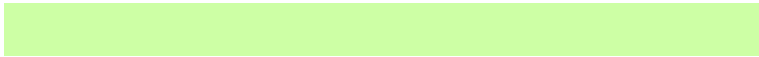
13500325



12906751

Square

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



13500325



1769471



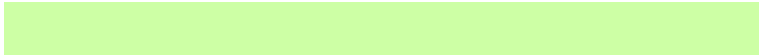
16768767



16765878

Rectangle

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



13500325



6684653



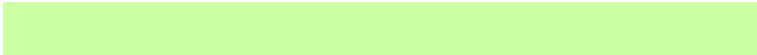
16768767



16763891

Sweetspot

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



13500325



15728611



16766885



7766127



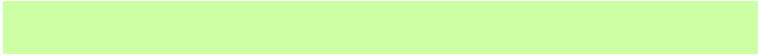
0



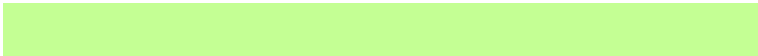
8421504

Same Dimension

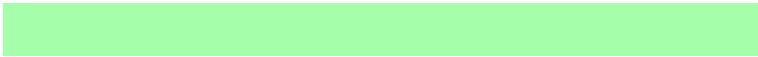
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13500325



12910484



10878890



7897203



5619456



1851392

Inverse Universe

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



14132735



13604095



16754171



8024960



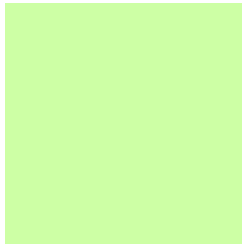
6947007



2293824

Previews

White Background



This preview shows how the Decimal color 13500325 looks on a white background.

Color Contrast Check

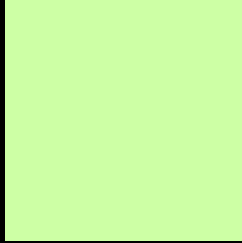
Large Text (above 18pt) WCAG AA × Fail

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 13500325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

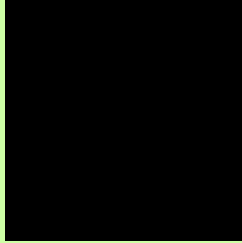
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

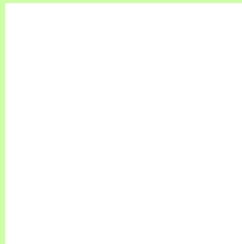
Any Text WCAG AAA ✓ Pass

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

Decimal 13500325 Background



This preview shows how black text looks on a background with the Decimal color 13500325.

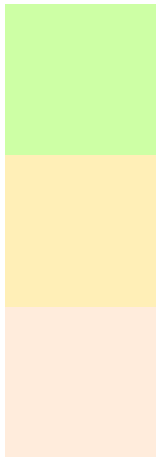


This preview shows how white text looks on a background with the Decimal color 13500325.

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](#).

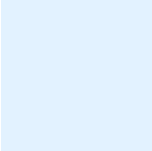
Dichromacy



Original Color
13500325

Protanopia
16773047

Deuteranopia
16772316

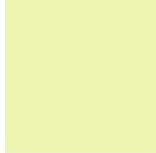


Tritanopia
14873343

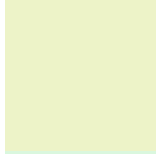
Trichromacy



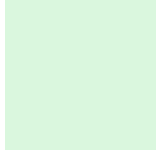
Original Color
13500325



Protanomaly
15594928



Deuteranomaly
15594440

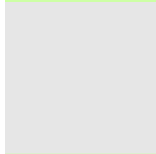


Tritanomaly
14350302

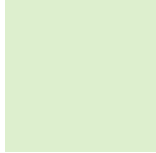
Monochromacy



Original Color
13500325



Achromatopsia
15132390



Achromatomaly
14544846

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13500325 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 #CDFFA5 looks like.

```
.text, #text, p{  
    color:#CDFFA5  
}
```

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 #CDFFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDFFA5
}
```

Border

The CSS property to change the border of an element to Decimal 13500325 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
#CDFFA5 }
```

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

```
.border{ border-color:#CDFFA5 }
```

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

Here you see how a box with a 4 pixel #CDFFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDFFA5; -webkit-box-shadow:4px 4px  
4px 4px #CDFFA5; box-shadow:4px 4px 4px  
4px #CDFFA5 }
```

Background

The CSS property to change the background color of an element to Decimal 13500325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDFFA5 }
```

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

```
.background{ background-color:#CDFFA5 }
```

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