

Converting Colors

Decimal(13040582)

Have a look what the booklet for
Decimal(13040582) contains.

Decimal(13040582)	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(13040582)

Conversions

Conversions Part 1

Format	Color
Hex	C6FBC6
RGB	198, 251, 198
RGB Percent	78%, 98%, 78%
CMY	0.2235, 0.0157, 0.2235
CMYK	0.21, 0.00, 0.21, 0.02
HSL	120°, 87%, 88%
HSV	120°, 21%, 98%
XYZ	67.9789, 85.0773, 66.2648
YIQ	229.1110, -14.5750, -27.7190

Conversions

Conversions Part 2

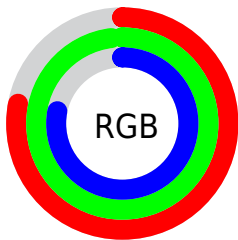
Format	Color
RYB	198, 251, 251
Decimal	13040582
CIELab	93.92, -26.63, 20.02
CIELCh	94, 33.320, 143.062
Yxy	85.0773, 0.3100, 0.3879
Android (android.graphics.Color)	4291230662 (0xFFC6FBC6)
YUV	229.1110, -15.3377, -27.2843
Hunter-Lab	92.2374, -29.8610, 21.9713

Details

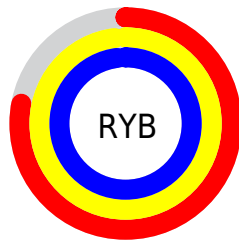
The Decimal color **13040582** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16500475**, and the grayscale version is **15066597**.

A 20% lighter version of the original color is **16777215**, and **9421456** is the 20% darker color. If you saturate the color by 10%, you get **11402157**, and if you desaturate by 10%, it is **14679007**.

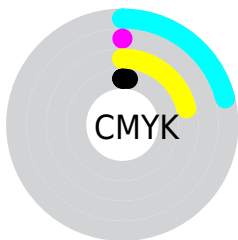
Distribution



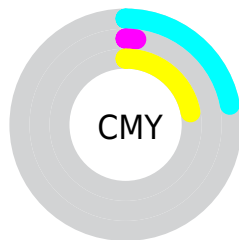
- Red (78%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (98%)



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



- Cyan (22%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13040582 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 13040582 by changing the saturation by 10% instead.

13040582

13040582

16777215

11198123

9421456

7710582

5999709

4354885

2775599

1065497

11008

5632

 13040582

 13040582

 11402157

 14679007

 9763732

 16317432

 8125307

 16776191

 6486882

 4848457

 3144495

 1506070

 64256

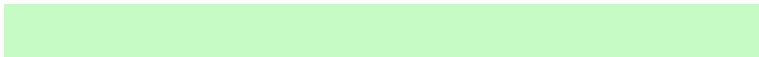
Harmonies

Analogous

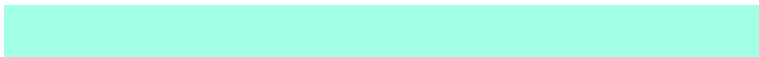
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15463346



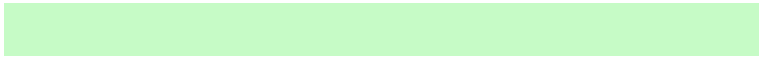
13040582



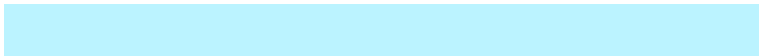
10747877

Triad

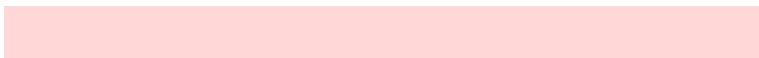
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13040582



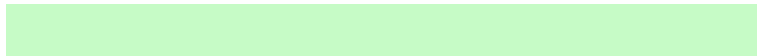
12317695



16766934

Complementary

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



13040582



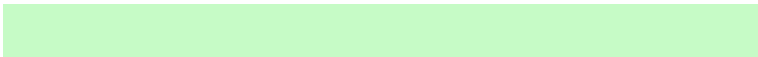
16500475

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.



16766966



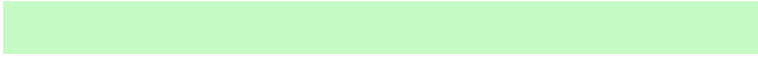
13040582



15329535

Square

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



13040582



9960447



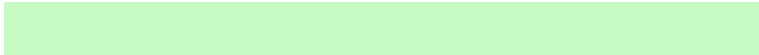
16768511



16768699

Rectangle

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



13040582



9699323



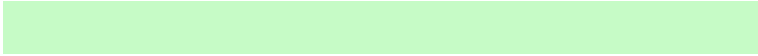
16768511



16766688

Sweetspot

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



13040582



15794160



16513990



7831671



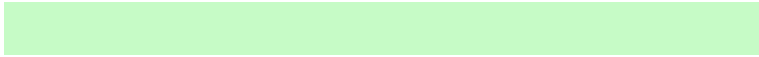
0



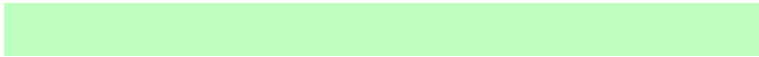
8421504

Same Dimension

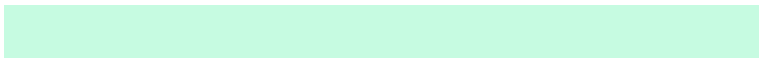
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13040582



12582847



13040609



7372144



48384



15616

Inverse Universe

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



16500475



16760831



16500449



8220797



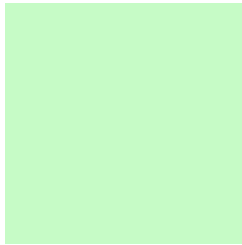
12386493



3997757

Previews

White Background



This preview shows how the Decimal color 13040582 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 13040582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

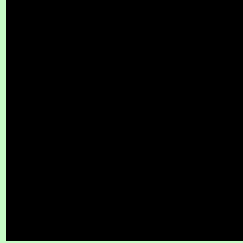
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

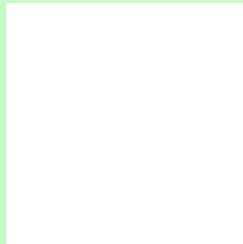
Any Text WCAG AAA ✓ Pass

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

Decimal 13040582 Background



This preview shows how black text looks on a background with the Decimal color 13040582.



This preview shows how white text looks on a background with the Decimal color 13040582.

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



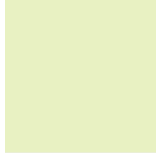


Tritanopia
14283263

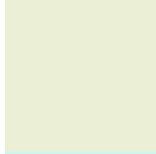
Trichromacy



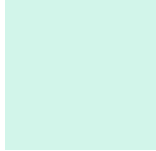
Original Color
13040582



Protanomaly
15266242

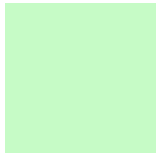


Deuteranomaly
15396821

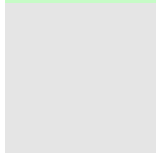


Tritanomaly
13825514

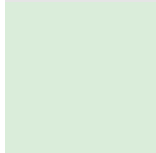
Monochromacy



Original Color
13040582



Achromatopsia
15066597



Achromatomaly
14347738

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13040582 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 #C6FBC6 looks like.

```
.text, #text, p{  
    color:#C6FBC6  
}
```

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 #C6FBC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6FBC6
}
```

Border

The CSS property to change the border of an element to Decimal 13040582 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
#C6FBC6 }
```

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

```
.border{ border-color:#C6FBC6 }
```

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

Here you see how a box with a 4 pixel #C6FBC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6FBC6; -webkit-box-shadow:4px 4px  
4px 4px #C6FBC6; box-shadow:4px 4px 4px  
4px #C6FBC6 }
```

Background

The CSS property to change the background color of an element to Decimal 13040582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6FBC6 }
```

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

```
.background{ background-color:#C6FBC6 }
```

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