

# Converting Colors

Decimal(13041304)

Have a look what the booklet for  
Decimal(13041304) contains.

<b>Decimal(13041304)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13041304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6FE98
RGB	198, 254, 152
RGB Percent	78%, 100%, 60%
CMY	0.2235, 0.0039, 0.4039
CMYK	0.22, 0.00, 0.40, 0.00
HSL	93°, 98%, 80%
HSV	93°, 40%, 100%
XYZ	64.3980, 85.1564, 42.7485
YIQ	225.6280, -0.6340, -43.5940

# Conversions

## Conversions Part 2

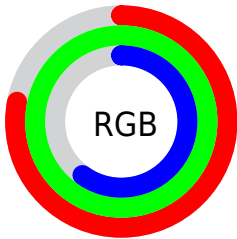
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 254, 208</a>
Decimal	<a href="#">13041304</a>
CIELab	<a href="#">93.95, -34.77, 43.12</a>
CIElCh	<a href="#">94, 55.395, 128.882</a>
Yxy	<a href="#">85.1564, 0.3349, 0.4428</a>
Android (android.graphics.Color)	<a href="#">4291231384 (0xFFC6FE98)</a>
YUV	<a href="#">225.6280, -36.2986, -24.2298</a>
Hunter-Lab	<a href="#">92.2802, -36.9237, 37.1303</a>

# Details

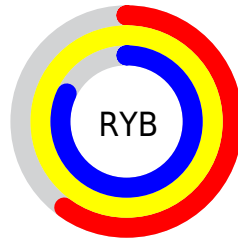
The Decimal color **13041304** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **13670654**, and the grayscale version is **14869218**.

A 20% lighter version of the original color is **16777167**, and **9356643** is the 20% darker color. If you saturate the color by 10%, you get **12123775**, and if you desaturate by 10%, it is **13958833**.

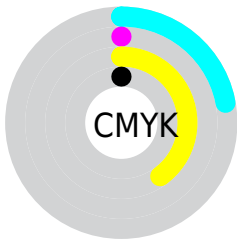
# Distribution



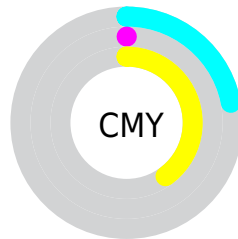
- Red (78%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (82%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13041304 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 13041304 by changing the saturation by 10% instead.



 13041304

 13041304

16777215

 11198845

 16777167

 9356643

 16777196

 7580234

 5869361

 4093206

 2317312

 279552

 11520

 5632

 13041304

 13041304

 12123775

 13958833

 11206245

 14876363

 10288716

 15793892

 9371186

 16711422

 8453657

 16776959

 7601664

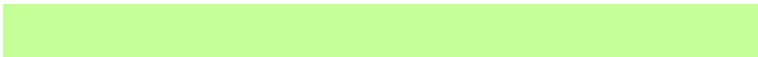
# Harmonies

## Analogous

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



16773250



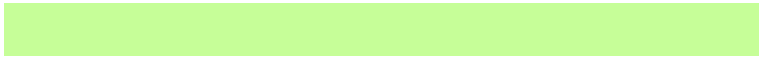
13041304



8454085

# Triad

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



13041304



3931903



16761568

# Complementary

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



13041304



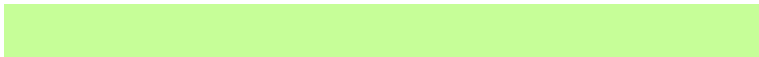
13670654

# Split Complementary

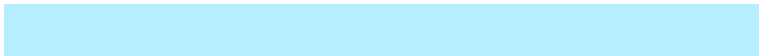
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16763135



13041304



11988735

# Square

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



13041304



65535



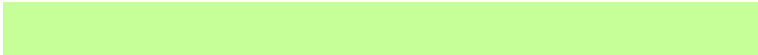
16767743



16763821

# Rectangle

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



13041304



3932138



16767743

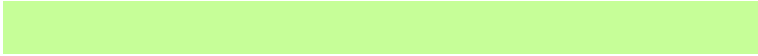


16761842



# Sweetspot

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



13041304



15663072



16699032



7766126



0

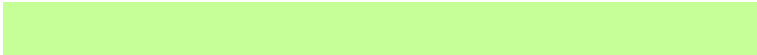


8421504

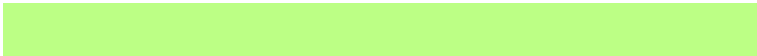


# Same Dimension

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



13041304



12386181



10026651



7962739



5684992



1916928



# Inverse Universe

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



13670654



13141503



16685307



8024960



6881471

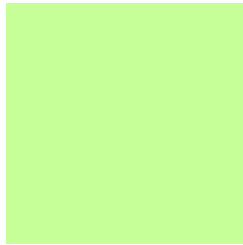


2293824



# Previews

## White Background



This preview shows how the Decimal color 13041304 looks on a white background.

## Color Contrast Check

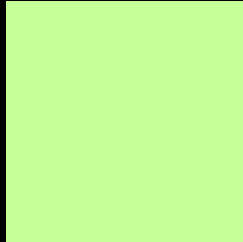
Large Text (above 18pt) WCAG AA × Fail

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 13041304 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 13041304 Background



This preview shows how black text looks on a background with the Decimal color 13041304.

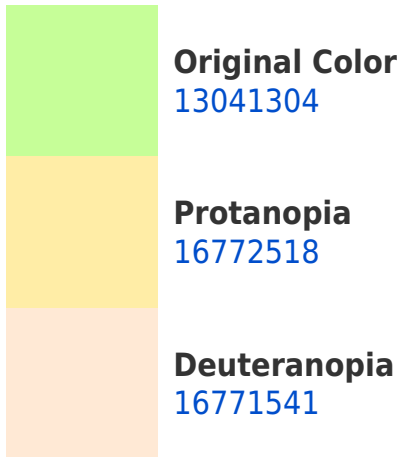


This preview shows how white text looks on a background with the Decimal color 13041304.

# 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



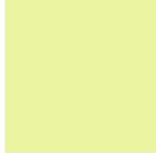


**Tritanopia**  
14479615

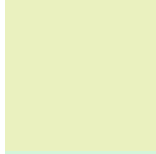
# Trichromacy



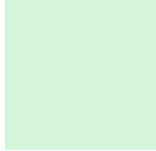
**Original Color**  
13041304



**Protanomaly**  
15397793

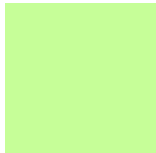


**Deuteranomaly**  
15397311

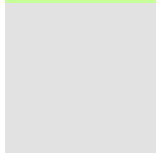


**Tritanomaly**  
13956570

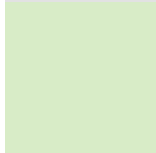
# Monochromacy



**Original Color**  
13041304



**Achromatopsia**  
14869218



**Achromatomaly**  
14216391

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13041304 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 #C6FE98 looks like.

```
.text, #text, p{  
    color:#C6FE98  
}
```

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 #C6FE98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6FE98
}
```

## Border

The CSS property to change the border of an element to Decimal 13041304 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
#C6FE98 }
```

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

```
.border{ border-color:#C6FE98 }
```

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

Here you see how a box with a 4 pixel #C6FE98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6FE98; -webkit-box-shadow:4px 4px  
4px 4px #C6FE98; box-shadow:4px 4px 4px  
4px #C6FE98 }
```

# Background

The CSS property to change the background color of an element to Decimal 13041304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6FE98 }
```

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

```
.background{ background-color:#C6FE98 }
```

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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