

Converting Colors

Decimal(13498176)

Have a look what the booklet for
Decimal(13498176) contains.

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Color

Decimal(13498176)

Conversions

Conversions Part 1

Format	Color
Hex	CDF740
RGB	205, 247, 64
RGB Percent	80%, 97%, 25%
CMY	0.1961, 0.0314, 0.7490
CMYK	0.17, 0.00, 0.74, 0.03
HSL	74°, 92%, 61%
HSV	74°, 74%, 97%
XYZ	59.3630, 79.8708, 17.1383
YIQ	213.5800, 33.7110, -65.8170

Conversions

Conversions Part 2

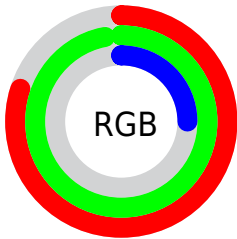
Format	Color
RYB	64, 247, 106
Decimal	13498176
CIELab	91.63, -36.51, 77.58
CIELCh	92, 85.742, 115.205
Yxy	79.8708, 0.3796, 0.5108
Android (android.graphics.Color)	4291688256 (0xFFCDF740)
YUV	213.5800, -73.7429, -7.5247
Hunter-Lab	89.3705, -37.8324, 51.1895

Details

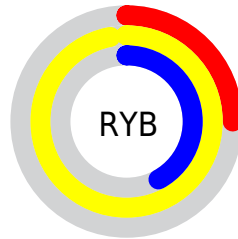
The Decimal color **13498176** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6963447**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777084**, and **9617152** is the 20% darker color. If you saturate the color by 10%, you get **13104935**, and if you desaturate by 10%, it is **13891417**.

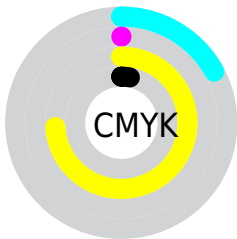
Distribution



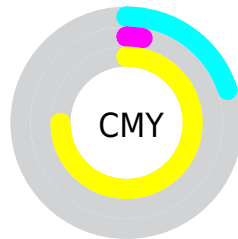
- Red (80%)
- Green (97%)
- Blue (25%)



- Red (25%)
- Yellow (97%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (74%)
- Black (3%)




















- Cyan (20%)
- Magenta (3%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13498176 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 13498176 by changing the saturation by 10% instead.

 13498176	 13498176
 16777215	 11524633
 16777084	 9617152
 16777113	 7774976
 16777142	 5867776
 16777171	 3960576
 16777201	 1922816
	 16128
	 10496
	 2816

 13498176

 13498176

 13104935

 13891417

 12777231

 14219121

 12515072

 14612362

 15005603

 15333308

 15726548

 16119789

 16447487

 16775167

Harmonies

Analogous

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



16768557



13498176



5898116

Triad

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



13498176



65535



16751096

Complementary

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



13498176



6963447

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.



16757503



13498176



62719

Square

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



13498176



65535



13621247



16752550

Rectangle

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



13498176



65466



13621247



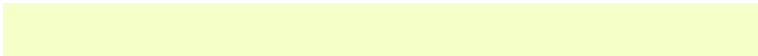
16752383

Sweetspot

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



13498176



15925191



16214080



7897182



0



8421504

Same Dimension

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



13498176



13369116



7665472



7895662



9419264



2964224

Inverse Universe

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



6963447



5250303



12796151



7433850



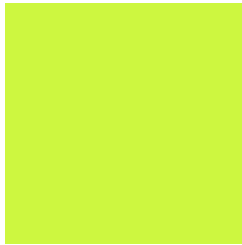
2818234



852027

Previews

White Background



This preview shows how the Decimal color 13498176 looks on a white background.

Color Contrast Check

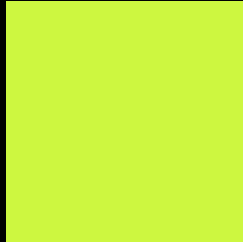
Large Text (above 18pt) WCAG AA × Fail

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 13498176 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 13498176 Background



This preview shows how black text looks on a background with the Decimal color 13498176.

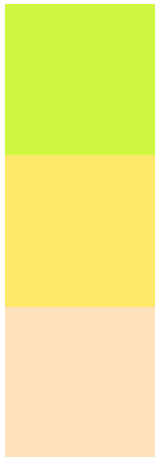


This preview shows how white text looks on a background with the Decimal color 13498176.

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
13498176

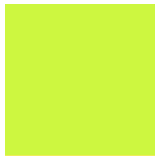
Protanopia
16770922

Deuteranopia
16769724



Tritanopia
14739193

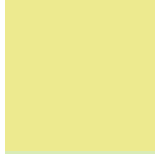
Trichromacy



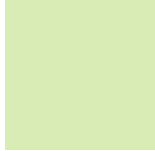
Original Color
13498176



Protanomaly
15592795



Deuteranomaly
15592079

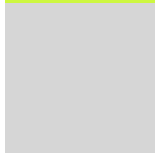


Tritanomaly
14281910

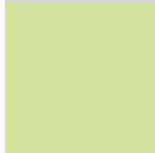
Monochromacy



Original Color
13498176



Achromatopsia
14079702



Achromatomaly
13886111

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13498176 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 #CDF740 looks like.

```
.text, #text, p{  
    color:#CDF740  
}
```

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 #CDF740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDF740
}
```

Border

The CSS property to change the border of an element to Decimal 13498176 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
#CDF740 }
```

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

```
.border{ border-color:#CDF740 }
```

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

Here you see how a box with a 4 pixel #CDF740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDF740; -webkit-box-shadow:4px 4px  
4px 4px #CDF740; box-shadow:4px 4px 4px  
4px #CDF740 }
```

Background

The CSS property to change the background color of an element to Decimal 13498176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDF740 }
```

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

```
.background{ background-color:#CDF740 }
```

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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