

Converting Colors

Decimal(13493700)

Have a look what the booklet for
Decimal(13493700) contains.

Decimal(13493700)	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(13493700)

Conversions

Conversions Part 1

Format	Color
Hex	CDE5C4
RGB	205, 229, 196
RGB Percent	80%, 90%, 77%
CMY	0.1961, 0.1020, 0.2314
CMYK	0.10, 0.00, 0.14, 0.10
HSL	104°, 39%, 83%
HSV	104°, 14%, 90%
XYZ	63.1600, 73.0033, 62.9867
YIQ	218.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

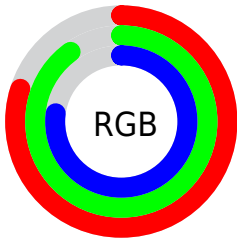
Format	Color
RYB	196, 229, 220
Decimal	13493700
CIELab	88.45, -13.89, 13.44
CIELCh	88, 19.330, 135.950
Yxy	73.0033, 0.3171, 0.3666
Android (android.graphics.Color)	4291683780 (0xFFCDE5C4)
YUV	218.0620, -10.8766, -11.4554
Hunter-Lab	85.4420, -17.5736, 16.1015

Details

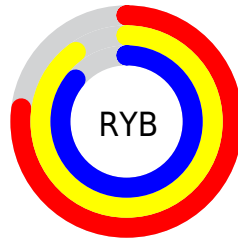
The Decimal color **13493700** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14468325**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777213**, and **9940622** is the 20% darker color. If you saturate the color by 10%, you get **12379565**, and if you desaturate by 10%, it is **14607835**.

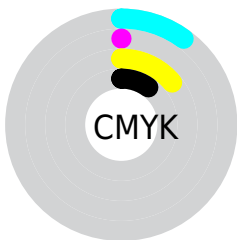
Distribution



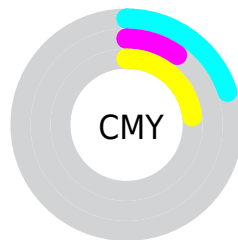
- Red (80%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13493700 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 13493700 by changing the saturation by 10% instead.



 13493700

 13493700

 12379565

 14607835

 11330966

 15656434

 10216831

 16770559

 9102696

 8054098

 6939963

 5825828

 4777229

 4121856

Harmonies

Analogous

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



14868667



13493700



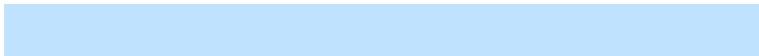
12249300

Triad

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



13493700



12575487



16765397

Complementary

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



13493700



14468325

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.



16700135



13493700



14081279

Square

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



13493700



11593720



15587064



16766148

Rectangle

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



13493700



11659745



15587064



16765403

Sweetspot

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



13493700



16318453



15064260



8093817



0



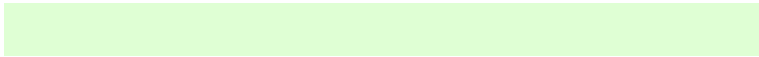
8421504

Same Dimension

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



13493700



14680020



12903883



6976359



3257088



930560

Inverse Universe

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



14468325



15979775



15058142



7366515



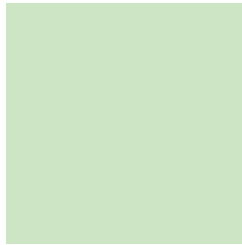
8519859



2424883

Previews

White Background



This preview shows how the Decimal color 13493700 looks on a white background.

Color Contrast Check

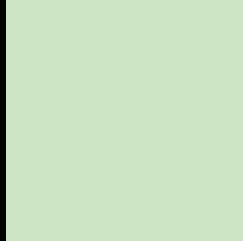
Large Text (above 18pt) WCAG AA × Fail

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 13493700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

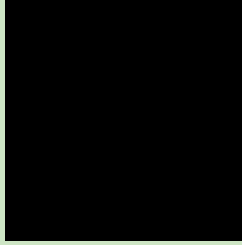
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

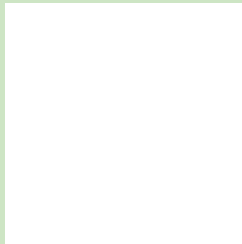
Any Text WCAG AAA ✓ Pass

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

Decimal 13493700 Background



This preview shows how black text looks on a background with the Decimal color 13493700.

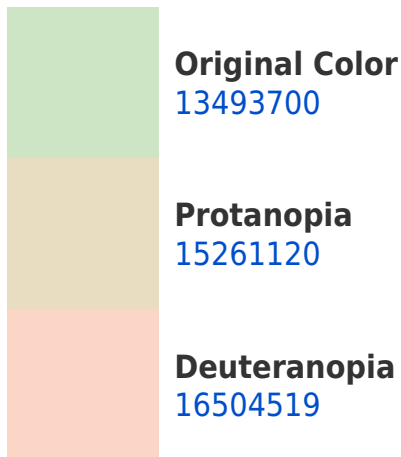


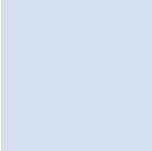
This preview shows how white text looks on a background with the Decimal color 13493700.

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](#).

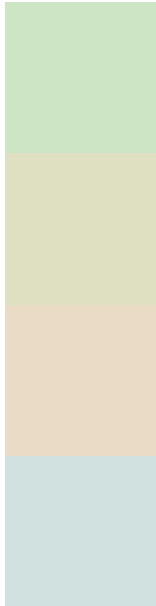
Dichromacy





Tritanopia
13950960

Trichromacy



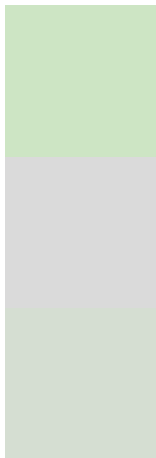
Original Color
13493700

Protanomaly
14606529

Deuteranomaly
15391686

Tritanomaly
13754848

Monochromacy



Original Color
13493700

Achromatopsia
14342874

Achromatomaly
14016210

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13493700 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 #CDE5C4 looks like.

```
.text, #text, p{  
    color:#CDE5C4  
}
```

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 #CDE5C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE5C4
}
```

Border

The CSS property to change the border of an element to Decimal 13493700 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
#CDE5C4 }
```

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

```
.border{ border-color:#CDE5C4 }
```

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

Here you see how a box with a 4 pixel `#CDE5C4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE5C4; -webkit-box-shadow:4px 4px  
4px 4px #CDE5C4; box-shadow:4px 4px 4px  
4px #CDE5C4 }
```

Background

The CSS property to change the background color of an element to Decimal 13493700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE5C4 }
```

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

```
.background{ background-color:#CDE5C4 }
```

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