

Converting Colors

Decimal(13231789)

Have a look what the booklet for
Decimal(13231789) contains.

Decimal(13231789)	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(13231789)

Conversions

Conversions Part 1

Format	Color
Hex	C9E6AD
RGB	201, 230, 173
RGB Percent	79%, 90%, 68%
CMY	0.2118, 0.0980, 0.3216
CMYK	0.13, 0.00, 0.25, 0.10
HSL	91°, 53%, 79%
HSV	91°, 25%, 90%
XYZ	59.9270, 72.0283, 50.2795
YIQ	214.8310, 1.0130, -23.8750

Conversions

Conversions Part 2

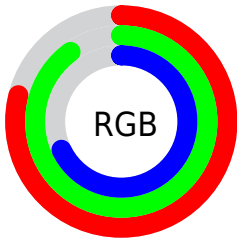
Format	Color
RYB	173, 230, 202
Decimal	13231789
CIELab	87.98, -19.46, 24.69
CIELCh	88, 31.436, 128.234
Yxy	72.0283, 0.3288, 0.3952
Android (android.graphics.Color)	4291421869 (0xFFC9E6AD)
YUV	214.8310, -20.6227, -12.1298
Hunter-Lab	84.8695, -22.4812, 24.2832

Details

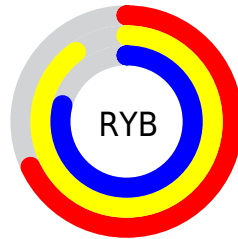
The Decimal color **13231789** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **13282790**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777189**, and **9612920** is the 20% darker color. If you saturate the color by 10%, you get **12445334**, and if you desaturate by 10%, it is **14018244**.

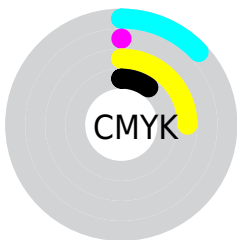
Distribution



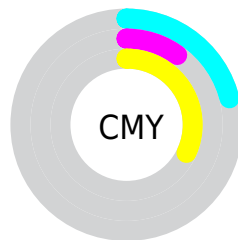
- Red (79%)
- Green (90%)
- Blue (68%)



- Red (68%)
- Yellow (90%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13231789 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 13231789 by changing the saturation by 10% instead.

 13231789

 13231789

16777215


 11389586

 16777189

 9612920

 7902303

 6257223

 4677936

 3098906

 1651201

 7680

 0

 13231789

 13231789

 12445334


 14018244

 11724415

 14739163

 10937960

 15525618

 10151505

 16312063

 9365050

 16770815

 8644131

 7857676

 7464448

Harmonies

Analogous

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



15392161



13231789



11005126

Triad

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



13231789



10217215



16762837

Complementary

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



13231789



13282790

Split Complementary

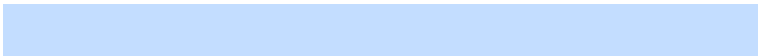
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16763636



13231789



12836351

Square

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



13231789



8711423



15520511



16763833

Rectangle

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



13231789



9694682



15520511



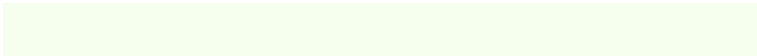
16762848

Sweetspot

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



13231789



16187373



15125165



8028277



0



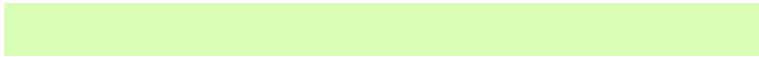
8421504

Same Dimension

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



13231789



14221235



11396781



7172967



5812992



1651456

Inverse Universe

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



13282790



14267391



15117798



7169907



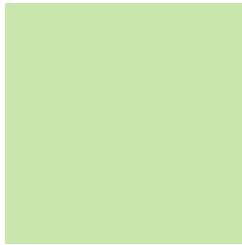
5963955



1703987

Previews

White Background



This preview shows how the Decimal color 13231789 looks on a white background.

Color Contrast Check

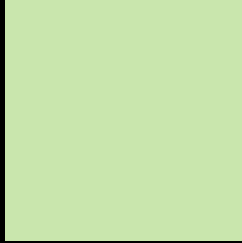
Large Text (above 18pt) WCAG AA × Fail

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 13231789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

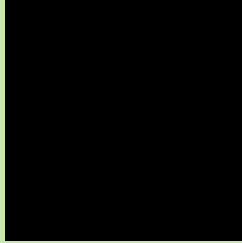
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

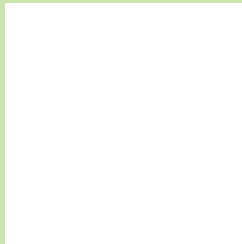
Any Text WCAG AAA ✓ Pass

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

Decimal 13231789 Background



This preview shows how black text looks on a background with the Decimal color 13231789.

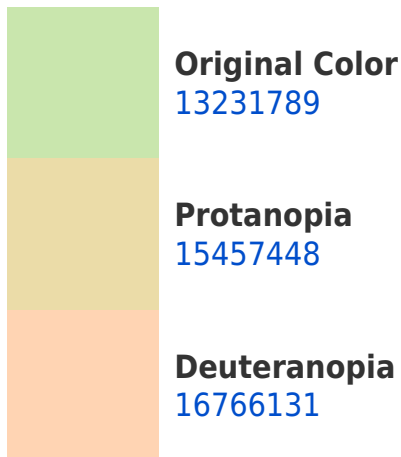


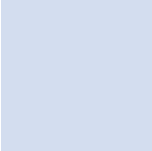
This preview shows how white text looks on a background with the Decimal color 13231789.

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](#).

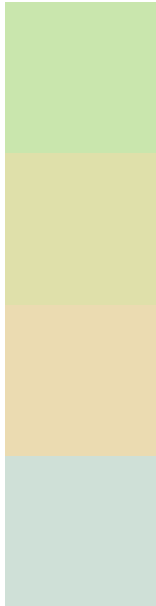
Dichromacy





Tritanopia
13884911

Trichromacy



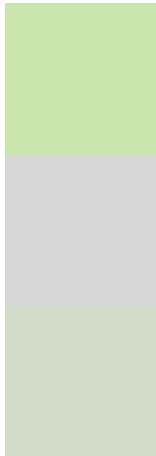
Original Color
13231789

Protanomaly
14672042

Deuteranomaly
15457201

Tritanomaly
13623511

Monochromacy



Original Color
13231789

Achromatopsia
14145495

Achromatomaly
13819080

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13231789 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 #C9E6AD looks like.

```
.text, #text, p{  
    color:#C9E6AD  
}
```

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 #C9E6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9E6AD
}
```

Border

The CSS property to change the border of an element to Decimal 13231789 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
#C9E6AD }
```

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

```
.border{ border-color:#C9E6AD }
```

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

Here you see how a box with a 4 pixel #C9E6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9E6AD; -webkit-box-shadow:4px 4px  
4px 4px #C9E6AD; box-shadow:4px 4px 4px  
4px #C9E6AD }
```

Background

The CSS property to change the background color of an element to Decimal 13231789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9E6AD }
```

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

```
.background{ background-color:#C9E6AD }
```

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