

# Converting Colors

Decimal(13296024)

Have a look what the booklet for  
Decimal(13296024) contains.

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# **Color**

**Decimal(13296024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE198
RGB	202, 225, 152
RGB Percent	79%, 88%, 60%
CMY	0.2078, 0.1176, 0.4039
CMYK	0.10, 0.00, 0.32, 0.12
HSL	79°, 55%, 74%
HSV	79°, 32%, 88%
XYZ	56.9498, 68.6740, 39.9596
YIQ	209.8010, 9.7250, -27.5790

# Conversions

## Conversions Part 2

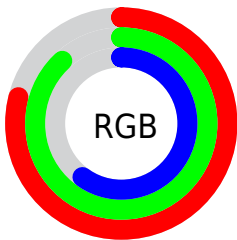
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 225, 175
Decimal	13296024
CIELab	86.34, -19.61, 33.26
CIELCh	86, 38.610, 120.520
Yxy	68.6740, 0.3439, 0.4147
Android (android.graphics.Color)	4291486104 (0xFFCAE198)
YUV	209.8010, -28.4959, -6.8415
Hunter-Lab	82.8698, -22.3532, 29.4193

# Details

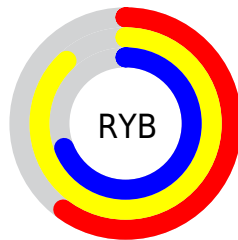
The Decimal color **13296024** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **11507937**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777167**, and **9677412** is the 20% darker color. If you saturate the color by 10%, you get **12837250**, and if you desaturate by 10%, it is **13754799**.

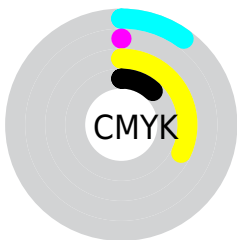
# Distribution



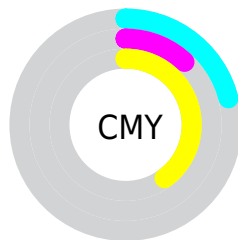
- Red (79%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13296024 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 13296024 by changing the saturation by 10% instead.



 13296024

 13296024

16777215

 11453822

 16777167

 9677412

 16777195

 7966539

 6256179

 4611356

 3032323

 1584896

 7168

 0

 13296024

 13296024

 12837250

 13754799

 12378475

 14213573

 11919701

 14672348

 11460926


 15131122

 11002152

 15589887

 10477841

 16114175

 10150144

 16572927

 16769535

# Harmonies

## Analogous

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



15849103



13296024



10480051

# Triad

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



13296024



7529983



16760025

# Complementary

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



13296024



11507937

# Split Complementary

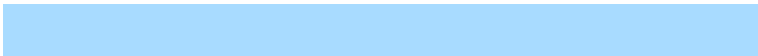
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16761597



13296024



11066367

# Square

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



13296024



6024188



14601983



16760757

# Rectangle

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



13296024



8580043



14601983



16760549

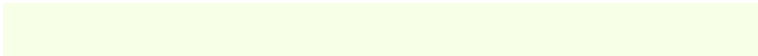


# Sweetspot

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



13296024



16252902



14790296



8093808



0



8421504

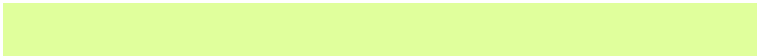


# Same Dimension

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



13296024



14745500



11002264



7172197



7974912



2174976



# Inverse Universe

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



11507937



12295423



13801697



6907248



3604656

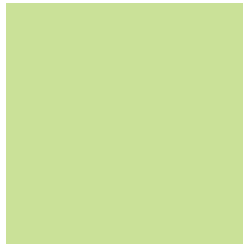


983088



# Previews

## White Background



This preview shows how the Decimal color 13296024 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 13296024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

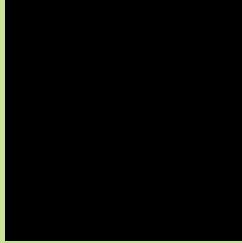
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13296024 Background



This preview shows how black text looks on a background with the Decimal color 13296024.



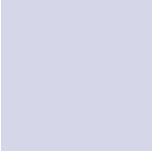
This preview shows how white text looks on a background with the Decimal color 13296024.

# 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**  
14014440

# Trichromacy



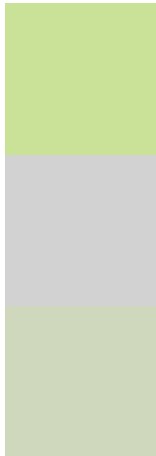
**Original Color**  
13296024

**Protanomaly**  
14605205

**Deuteranomaly**  
15521435

**Tritanomaly**  
13753291

# Monochromacy



**Original Color**  
13296024

**Achromatopsia**  
13816530

**Achromatomaly**  
13621181

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13296024 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 #CAE198 looks like.

```
.text, #text, p{  
    color:#CAE198  
}
```

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 #CAE198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE198  
}
```

## Border

The CSS property to change the border of an element to Decimal 13296024 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  
#CAE198 }
```

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

```
.border{ border-color:#CAE198 }
```

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

Here you see how a box with a 4 pixel #CAE198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE198; -webkit-box-shadow:4px 4px  
4px 4px #CAE198; box-shadow:4px 4px 4px  
4px #CAE198 }
```

# Background

The CSS property to change the background color of an element to Decimal 13296024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE198 }
```

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

```
.background{ background-color:#CAE198 }
```

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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