

# Converting Colors

Decimal(13036945)

Have a look what the booklet for  
Decimal(13036945) contains.

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# **Color**

**Decimal(13036945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6ED91
RGB	198, 237, 145
RGB Percent	78%, 93%, 57%
CMY	0.2235, 0.0706, 0.4314
CMYK	0.16, 0.00, 0.39, 0.07
HSL	85°, 72%, 75%
HSV	85°, 39%, 93%
XYZ	58.6837, 74.6185, 38.0979
YIQ	214.8510, 6.2880, -36.8800

# Conversions

## Conversions Part 2

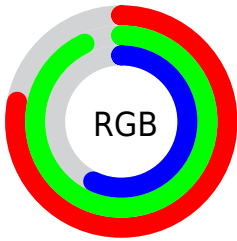
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 237, 184
Decimal	13036945
CIELab	89.21, -27.75, 40.47
CIElCh	89, 49.071, 124.438
Yxy	74.6185, 0.3424, 0.4353
Android (android.graphics.Color)	4291227025 (0xFFC6ED91)
YUV	214.8510, -34.4365, -14.7783
Hunter-Lab	86.3820, -29.9042, 34.3181

# Details

The Decimal color **13036945** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **12095981**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777160**, and **9418077** is the 20% darker color. If you saturate the color by 10%, you get **12381561**, and if you desaturate by 10%, it is **13692329**.

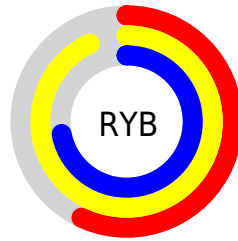
# Distribution



Red (78%)

Green (93%)

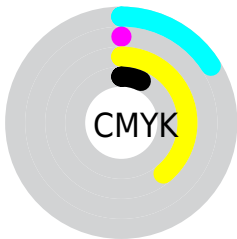
Blue (57%)



Red (57%)

Yellow (93%)

Blue (72%)

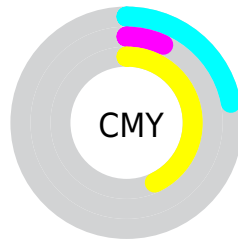


Cyan (16%)

Magenta (0%)

Yellow (39%)

Black (7%)



Cyan (22%)

Magenta (7%)














Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13036945 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 13036945 by changing the saturation by 10% instead.




 13036945	 13036945
16777215	 11194743
 16777160	 9418077
 16777188	 7641668
	 5931051
	 4286225
	 2575872
	 866048
	 8960
	 0

 13036945

 13036945

 12381561

 13692329

 11726178

 14347712

 11070794

 15003096

 10415410

 15658480

 9760026

 16313855

 9104643

 16772607

 9039104

# Harmonies

## Analogous

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



16310401



13036945



9238198

# Triad

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



13036945



4780287



16759771

# Complementary

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



13036945



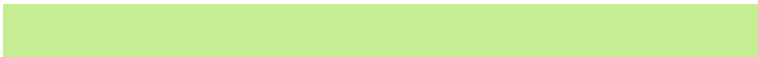
12095981

# Split Complementary

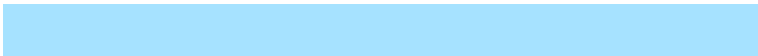
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16761599



13036945



10937087

# Square

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



13036945



63487



15651327



16761262

# Rectangle

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



13036945



6224085



15651327



16760043

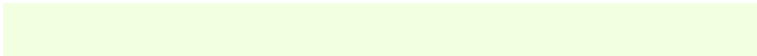


# Sweetspot

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



13036945



15925216



15579025



7897198



0



8421504

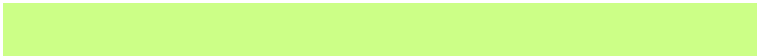


# Same Dimension

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



13036945



13434759



10087825



7370090



6862080



2045440



# Inverse Universe

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



12095981



12224511



15045101



7301749



5046453

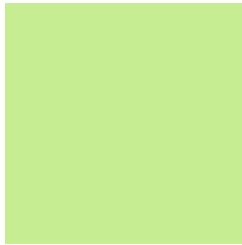


1507382



# Previews

## White Background



This preview shows how the Decimal color 13036945 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 13036945 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 13036945 Background



This preview shows how black text looks on a background with the Decimal color 13036945.

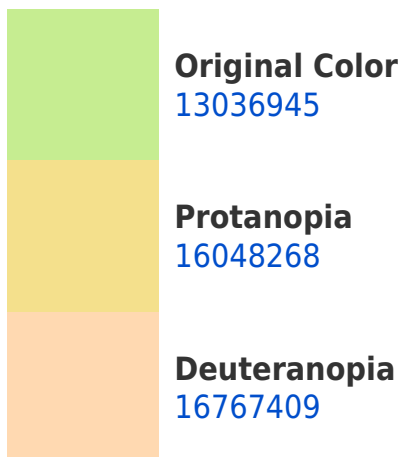


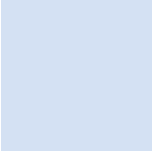
This preview shows how white text looks on a background with the Decimal color 13036945.

# 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



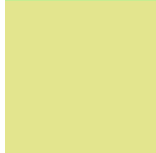


**Tritanopia**  
13951475

# Trichromacy



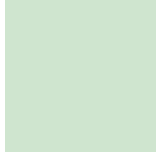
**Original Color**  
13036945



**Protanomaly**  
14935438



**Deuteranomaly**  
15392933

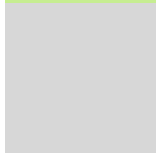


**Tritanomaly**  
13624783

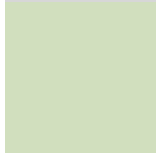
# Monochromacy



**Original Color**  
13036945



**Achromatopsia**  
14145495



**Achromatomaly**  
13754302

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13036945 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 #C6ED91 looks like.

```
.text, #text, p{  
    color:#C6ED91  
}
```

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 #C6ED91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6ED91
}
```

## Border

The CSS property to change the border of an element to Decimal 13036945 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
#C6ED91 }
```

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

```
.border{ border-color:#C6ED91 }
```

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

Here you see how a box with a 4 pixel #C6ED91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6ED91; -webkit-box-shadow:4px 4px  
4px 4px #C6ED91; box-shadow:4px 4px 4px  
4px #C6ED91 }
```

# Background

The CSS property to change the background color of an element to Decimal 13036945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6ED91 }
```

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

```
.background{ background-color:#C6ED91 }
```

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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