

# Converting Colors

Decimal(13034308)

Have a look what the booklet for  
Decimal(13034308) contains.

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# **Color**

**Decimal(13034308)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6E344
RGB	198, 227, 68
RGB Percent	78%, 89%, 27%
CMY	0.2235, 0.1098, 0.7333
CMYK	0.13, 0.00, 0.70, 0.11
HSL	71°, 74%, 58%
HSV	71°, 70%, 89%
XYZ	51.8012, 67.3613, 15.7407
YIQ	200.2030, 33.7550, -55.5970

# Conversions

## Conversions Part 2

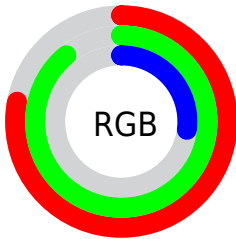
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 227, 97</a>
Decimal	<a href="#">13034308</a>
CIELab	<a href="#">85.69, -29.89, 70.35</a>
CIElCh	<a href="#">86, 76.438, 113.015</a>
Yxy	<a href="#">67.3613, 0.3840, 0.4993</a>
Android (android.graphics.Color)	<a href="#">4291224388 (0xFFC6E344)</a>
YUV	<a href="#">200.2030, -65.1761, -1.9320</a>
Hunter-Lab	<a href="#">82.0739, -30.9686, 46.0807</a>

# Details

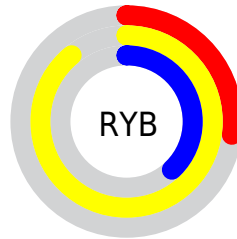
The Decimal color **13034308** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6374627**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777085**, and **9219072** is the 20% darker color. If you saturate the color by 10%, you get **12772141**, and if you desaturate by 10%, it is **13296475**.

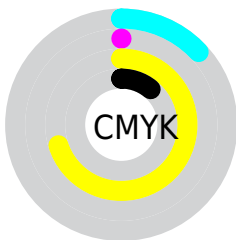
# Distribution



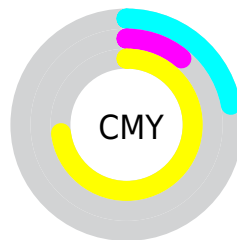
- Red (78%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (38%)



- Cyan (13%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13034308 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 13034308 by changing the saturation by 10% instead.



 13034308

 13034308

16777215

 11126563

 16777085

 9219072

 16777114

 7377152

 16777142

 5601024

 16777171

 3759616

 16777201

 1853184

 12288

 7168

 0

■ 13034308

■ 13034308

■ 12772141

■ 13296475

■ 12509975

■ 13558641

■ 12247808

■ 13820808

■ 14148511

■ 14410677

■ 14672844

■ 14935011

■ 15197178

■ 15459327

# Harmonies

## Analogous

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



16764218



13034308



6943099

# Triad

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



13034308



62463



16749802

# Complementary

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



13034308



6374627

# 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.



16755711



13034308



58367

# Square

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



13034308



63999



12176127



16750498

# Rectangle

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



13034308



63145



12176127



16751359

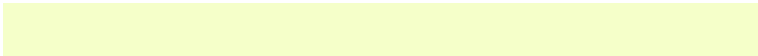


# Sweetspot

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



13034308



16121801



14901060



8028256



0



8421504



# Same Dimension

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



13034308



14221097



7988036



7435111



9614080



2765568



# Inverse Universe

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



6374627



5253631



11420899



6907763



2162867



589875



# Previews

## White Background



This preview shows how the Decimal color 13034308 looks on a white background.

## Color Contrast Check

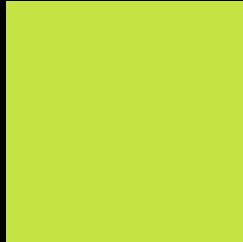
Large Text (above 18pt) WCAG AA × Fail

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 13034308 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 13034308 Background



This preview shows how black text looks on a background with the Decimal color 13034308.



This preview shows how white text looks on a background with the Decimal color 13034308.

# 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](#).

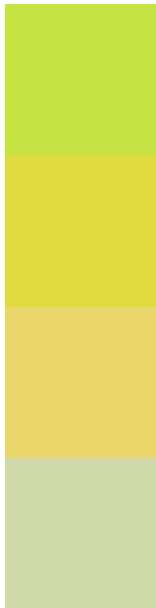
## Dichromacy





**Tritanopia**  
14079205

# Trichromacy



**Original Color**  
13034308

**Protanomaly**  
14801730

**Deuteranomaly**  
15390314

**Tritanomaly**  
13687210

# Monochromacy



**Original Color**  
13034308

**Achromatopsia**  
13158600

**Achromatomaly**  
13095576

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13034308 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 #C6E344 looks like.

```
.text, #text, p{  
  color:#C6E344  
}
```

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 #C6E344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E344
}
```

## Border

The CSS property to change the border of an element to Decimal 13034308 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
#C6E344 }
```

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

```
.border{ border-color:#C6E344 }
```

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

Here you see how a box with a 4 pixel #C6E344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E344; -webkit-box-shadow:4px 4px  
4px 4px #C6E344; box-shadow:4px 4px 4px  
4px #C6E344 }
```

# Background

The CSS property to change the background color of an element to Decimal 13034308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E344 }
```

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

```
.background{ background-color:#C6E344 }
```

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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