

Converting Colors

Decimal(13034315)

Have a look what the booklet for
Decimal(13034315) contains.

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Color

Decimal(13034315)

Conversions

Conversions Part 1

Format	Color
Hex	C6E34B
RGB	198, 227, 75
RGB Percent	78%, 89%, 29%
CMY	0.2235, 0.1098, 0.7059
CMYK	0.13, 0.00, 0.67, 0.11
HSL	71°, 73%, 59%
HSV	71°, 67%, 89%
XYZ	52.0278, 67.4519, 16.9340
YIQ	201.0010, 31.5080, -53.4200

Conversions

Conversions Part 2

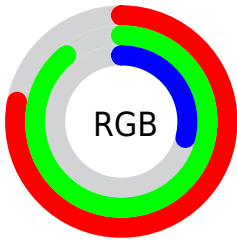
Format	Color
RYB	75, 227, 104
Decimal	13034315
CIELab	85.73, -29.49, 67.84
CIELCh	86, 73.975, 113.491
Yxy	67.4519, 0.3814, 0.4945
Android (android.graphics.Color)	4291224395 (0xFFC6E34B)
YUV	201.0010, -62.1185, -2.6319
Hunter-Lab	82.1291, -30.6484, 45.2655

Details

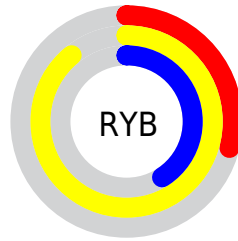
The Decimal color **13034315** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6835171**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16777091**, and **9284608** is the 20% darker color. If you saturate the color by 10%, you get **12772148**, and if you desaturate by 10%, it is **13296482**.

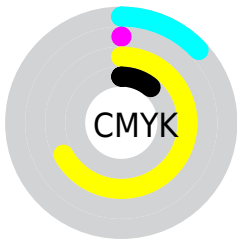
Distribution



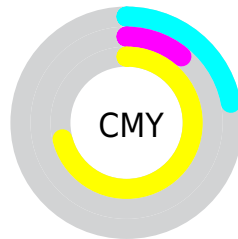
- Red (78%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)




















- Cyan (22%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13034315 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 13034315 by changing the saturation by 10% instead.

 13034315	 13034315
 16777215	 11126573
 16777091	 9284608
 16777119	 7442688
 16777148	 5601024
 16777177	 3825152
 16777206	 1918720
	 12288
	 7168
	 0

■ 13034315

■ 13034315

■ 12772148

■ 13296482

■ 12444446

■ 13624184

■ 12182279

■ 13886351

■ 12116736

■ 14148518

■ 14476221

■ 14738387

■ 15000554

■ 15328255

■ 15590399

Harmonies

Analogous

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



16764225



13034315



7139711

Triad

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



13034315



62207



16750569

Complementary

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



13034315



6835171

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.



16756223



13034315



58367

Square

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



13034315



63743



12503807



16751523

Rectangle

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



13034315



63148



12503807



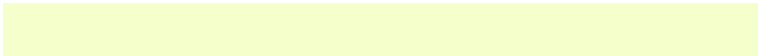
16751871

Sweetspot

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



13034315



16121804



14903115



8028257



0



8421504

Same Dimension

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



13034315



14221107



8119115



7435111



9483008



2700032

Inverse Universe

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



6835171



5911551



11750371



6907763



2228403



655411

Previews

White Background



This preview shows how the Decimal color 13034315 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 13034315 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 13034315 Background



This preview shows how black text looks on a background with the Decimal color 13034315.

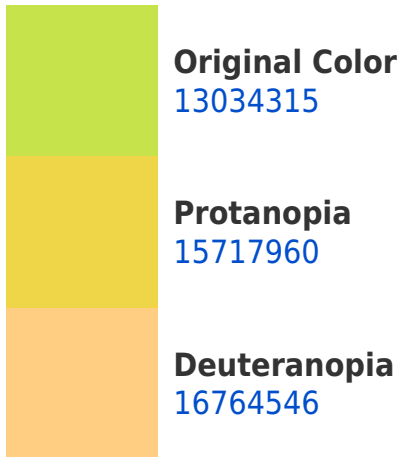


This preview shows how white text looks on a background with the Decimal color 13034315.

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](#).

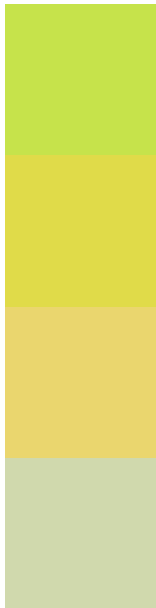
Dichromacy





Tritanopia
14079205

Trichromacy



Original Color
13034315

Protanomaly
14736201

Deuteranomaly
15390318

Tritanomaly
13687213

Monochromacy



Original Color
13034315

Achromatopsia
13224393

Achromatomaly
13161115

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13034315 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 #C6E34B looks like.

```
.text, #text, p{  
    color:#C6E34B  
}
```

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 #C6E34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E34B
}
```

Border

The CSS property to change the border of an element to Decimal 13034315 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
#C6E34B }
```

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

```
.border{ border-color:#C6E34B }
```

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

Here you see how a box with a 4 pixel #C6E34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E34B; -webkit-box-shadow:4px 4px  
4px 4px #C6E34B; box-shadow:4px 4px 4px  
4px #C6E34B }
```

Background

The CSS property to change the background color of an element to Decimal 13034315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E34B }
```

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

```
.background{ background-color:#C6E34B }
```

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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