

# Converting Colors

Decimal(13036315)

Have a look what the booklet for  
Decimal(13036315) contains.

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# **Color**

**Decimal(13036315)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6EB1B
RGB	198, 235, 27
RGB Percent	78%, 92%, 11%
CMY	0.2235, 0.0784, 0.8941
CMYK	0.16, 0.00, 0.89, 0.08
HSL	71°, 84%, 51%
HSV	71°, 89%, 92%
XYZ	53.1949, 71.5016, 12.0344
YIQ	200.2250, 44.7160, -72.5320

# Conversions

## Conversions Part 2

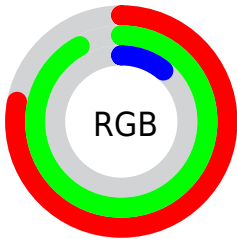
Format	Color
<a href="#">RYB</a>	<a href="#">27, 235, 64</a>
Decimal	<a href="#">13036315</a>
CIELab	<a href="#">87.73, -35.06, 82.86</a>
CIELCh	<a href="#">88, 89.971, 112.932</a>
Yxy	<a href="#">71.5016, 0.3890, 0.5229</a>
Android (android.graphics.Color)	<a href="#">4291226395 (0xFFC6EB1B)</a>
YUV	<a href="#">200.2250, -85.3999, -1.9513</a>
Hunter-Lab	<a href="#">84.5586, -35.6852, 50.7528</a>

# Details

The Decimal color **13036315** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4201451**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777059**, and **9155328** is the 20% darker color. If you saturate the color by 10%, you get **12774147**, and if you desaturate by 10%, it is **13298482**.

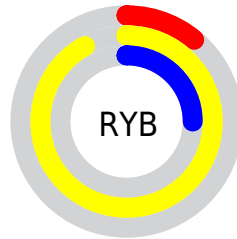
# Distribution



Red (78%)

Green (92%)

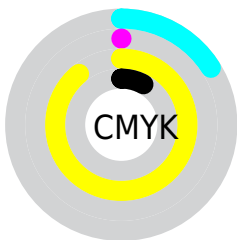
Blue (11%)



Red (11%)

Yellow (92%)

Blue (25%)

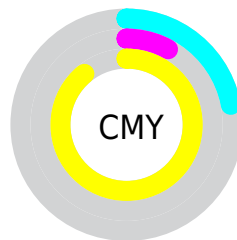


Cyan (16%)

Magenta (0%)

Yellow (89%)

Black (8%)



Cyan (22%)

Magenta (8%)



















Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13036315 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 13036315 by changing the saturation by 10% instead.



 13036315	 13036315
 16777215	 11063040
 16777059	 9155328
 16777089	 7247872
 16777118	 5406208
 16777147	 3433728
 16777177	 1264896
 16777207	 13568
	 8704
	 0

■ 13036315

■ 13036315

■ 12774147

■ 13298482

■ 12708608

■ 13560650

■ 13888353

■ 14150521

■ 14412688

■ 14674856

■ 14937023

■ 15199191

■ 15526894

# Harmonies

## Analogous

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



16765184



13036315



5045102

# Triad

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



13036315



65023



16746484

# Complementary

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



13036315



4201451

# 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.



16754431



13036315



60671

# Square

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



13036315



65535



11718399



16747679

# Rectangle

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



13036315



65446



11718399



16748543

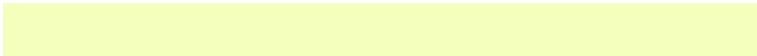


# Sweetspot

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



13036315



15990714



15416859



7897175



0



8421504



# Same Dimension

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



13036315



13827840



6351643



7566698



9811200



2897408



# Inverse Universe

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



4201451



2949375



10886123



7105141



2097333

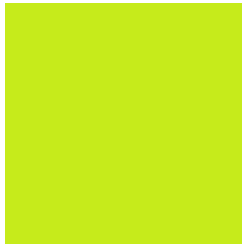


655414



# Previews

## White Background



This preview shows how the Decimal color 13036315 looks on a white background.

## Color Contrast Check

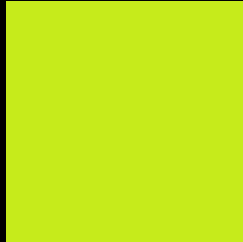
Large Text (above 18pt) WCAG AA × Fail

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 13036315 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 13036315 Background



This preview shows how black text looks on a background with the Decimal color 13036315.



This preview shows how white text looks on a background with the Decimal color 13036315.

# 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



**Original Color**  
13036315

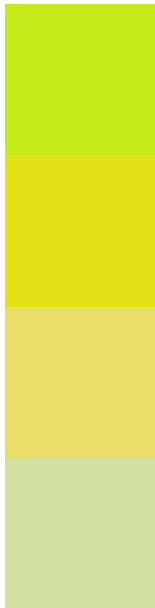
**Protanopia**  
16243733

**Deuteranopia**  
16766357



**Tritanopia**  
14277612

# Trichromacy



**Original Color**  
13036315

**Protanomaly**  
15065367

**Deuteranomaly**  
15392105

**Tritanomaly**  
13820320

# Monochromacy



**Original Color**  
13036315

**Achromatopsia**  
13158600

**Achromatomaly**  
13096329

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13036315 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 #C6EB1B looks like.

```
.text, #text, p{  
    color:#C6EB1B  
}
```

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 #C6EB1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6EB1B
}
```

## Border

The CSS property to change the border of an element to Decimal 13036315 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
#C6EB1B }
```

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

```
.border{ border-color:#C6EB1B }
```

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

Here you see how a box with a 4 pixel #C6EB1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6EB1B; -webkit-box-shadow:4px 4px  
4px 4px #C6EB1B; box-shadow:4px 4px 4px  
4px #C6EB1B }
```

# Background

The CSS property to change the background color of an element to Decimal 13036315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6EB1B }
```

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

```
.background{ background-color:#C6EB1B }
```

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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