

# Converting Colors

Decimal(13429760)

Have a look what the booklet for  
Decimal(13429760) contains.

<b>Decimal(13429760)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(13429760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCEC00
RGB	204, 236, 0
RGB Percent	80%, 93%, 0%
CMY	0.2000, 0.0745, 1.0000
CMYK	0.14, 0.00, 1.00, 0.07
HSL	68°, 100%, 46%
HSV	68°, 100%, 93%
XYZ	54.8973, 72.8283, 11.1639
YIQ	199.5280, 56.6840, -80.1800

# Conversions

## Conversions Part 2

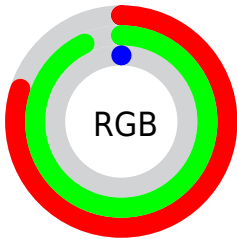
Format	Color
<a href="#">RYB</a>	<a href="#">0, 236, 32</a>
Decimal	<a href="#">13429760</a>
CIELab	<a href="#">88.37, -33.46, 86.33</a>
CIELCh	<a href="#">88, 92.588, 111.182</a>
Yxy	<a href="#">72.8283, 0.3953, 0.5244</a>
Android (android.graphics.Color)	<a href="#">4291619840 (0xFFCCEC00)</a>
YUV	<a href="#">199.5280, -98.3673, 3.9219</a>
Hunter-Lab	<a href="#">85.3395, -34.5184, 51.9815</a>

# Details

The Decimal color **13429760** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **2097388**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16777051**, and **9548800** is the 20% darker color. If you saturate the color by 10%, you get **13429760**, and if you desaturate by 10%, it is **13626392**.

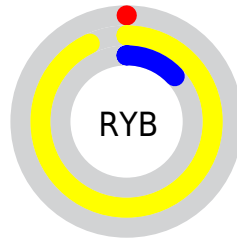
# Distribution



Red (80%)

Green (93%)

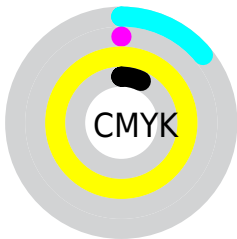
Blue (0%)



Red (0%)

Yellow (93%)

Blue (13%)

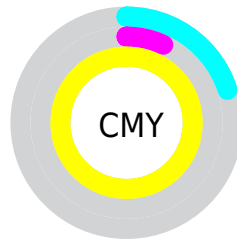


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (20%)

Magenta (7%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13429760 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 13429760 by changing the saturation by 10% instead.



 13429760	 13429760
 16777215	 11456512
 16777051	 9548800
 16777082	 7575808
 16777111	 5734144
 16777141	 3761664
 16777171	 1789440
 16777201	 14080
	 8960
	 0

 13429760

 13626392

 13823023

 14085191

 14281822

 14478454

 14675086

 14871717

 15133885

 15330516

# Harmonies

## Analogous

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



16764928



13429760



5438823

# Triad

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



13429760



65535



16746236

# Complementary

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



13429760



2097388

# 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.



16755199



13429760



61695

# Square

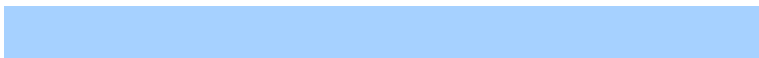
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13429760



65535



10932735



16746916

# Rectangle

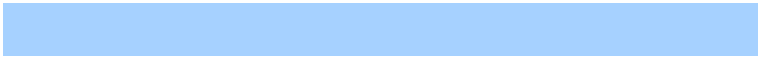
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13429760



65441



10932735



16748543

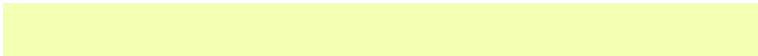


# Sweetspot

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



13429760



16121779



15474432



7962706



0



8421504



# Same Dimension

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



13429760



14483200



5762048



7632234



10335488



3028480



# Inverse Universe

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



2097388



2294015



9765100



7039605



1638581

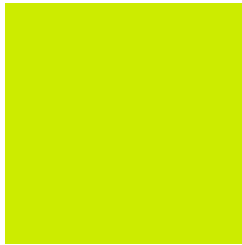


458806



# Previews

## White Background



This preview shows how the Decimal color 13429760 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 13429760 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 13429760 Background



This preview shows how black text looks on a background with the Decimal color 13429760.



This preview shows how white text looks on a background with the Decimal color 13429760.

# 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**  
13429760

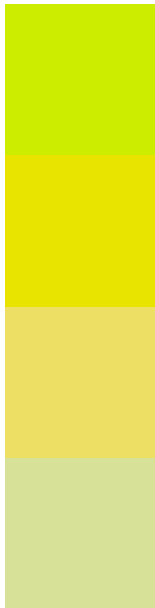
**Protanopia**  
16440832

**Deuteranopia**  
16766876



**Tritanopia**  
14605293

# Trichromacy



**Original Color**  
13429760

**Protanomaly**  
15328000

**Deuteranomaly**  
15523683

**Tritanomaly**  
14147991

# Monochromacy



**Original Color**  
13429760

**Achromatopsia**  
13158600

**Achromatomaly**  
13227391

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13429760 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 #CCEC00 looks like.

```
.text, #text, p{  
    color:#CCEC00  
}
```

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 #CCEC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEC00
}
```

## Border

The CSS property to change the border of an element to Decimal 13429760 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
#CCEC00 }
```

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

```
.border{ border-color:#CCEC00 }
```

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

Here you see how a box with a 4 pixel #CCEC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEC00; -webkit-box-shadow:4px 4px  
4px 4px #CCEC00; box-shadow:4px 4px 4px  
4px #CCEC00 }
```

# Background

The CSS property to change the background color of an element to Decimal 13429760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEC00 }
```

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

```
.background{ background-color:#CCEC00 }
```

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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