

Converting Colors

Decimal(13625409)

Have a look what the booklet for
Decimal(13625409) contains.

Decimal(13625409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13625409)

Conversions

Conversions Part 1

Format	Color
Hex	CFE841
RGB	207, 232, 65
RGB Percent	81%, 91%, 25%
CMY	0.1882, 0.0902, 0.7451
CMYK	0.11, 0.00, 0.72, 0.09
HSL	69°, 78%, 58%
HSV	69°, 72%, 91%
XYZ	55.5429, 71.3603, 15.8475
YIQ	205.4870, 38.7070, -57.2370

Conversions

Conversions Part 2

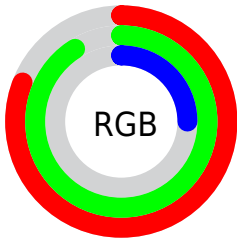
Format	Color
RYB	65, 232, 90
Decimal	13625409
CIELab	87.66, -28.79, 73.52
CIElCh	88, 78.955, 111.383
Yxy	71.3603, 0.3891, 0.4999
Android (android.graphics.Color)	4291815489 (0xFFCFE841)
YUV	205.4870, -69.2601, 1.3269
Hunter-Lab	84.4750, -30.4664, 48.0097

Details

The Decimal color **13625409** 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 **5915112**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **16777083**, and **9809920** is the 20% darker color. If you saturate the color by 10%, you get **13428778**, and if you desaturate by 10%, it is **13822040**.

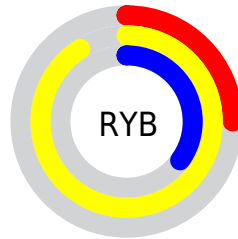
Distribution



Red (81%)

Green (91%)

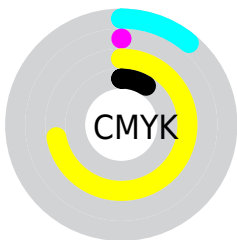
Blue (25%)



Red (25%)

Yellow (91%)

Blue (35%)

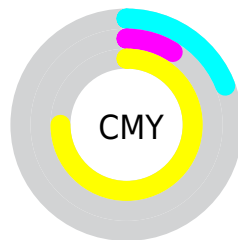


Cyan (11%)

Magenta (0%)

Yellow (72%)

Black (9%)



Cyan (19%)


















Magenta (9%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13625409 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 13625409 by changing the saturation by 10% instead.

 13625409	 13625409
 16777215	 11717662
 16777083	 9809920
 16777112	 7902720
 16777141	 6061056
 16777170	 4285184
 16777199	 2378496
	 275456
	 8448
	 0

■ 13625409

■ 13625409

■ 13428778

■ 13822040

■ 13166611

■ 14084207

■ 12969984

■ 14280839

■ 14543006

■ 14739637

■ 15001804

■ 15198435

■ 15460603

■ 15657215

Harmonies

Analogous

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



16764986



13625409



7403385

Triad

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



13625409



64255



16750837

Complementary

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



13625409



5915112

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.



16756991



13625409



60415

Square

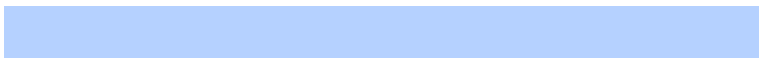
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13625409



65535



11915775



16751017

Rectangle

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



13625409



64937



11915775



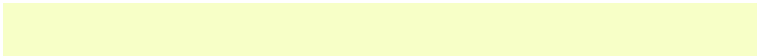
16752383

Sweetspot

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



13625409



16252871



15226689



8093790



0



8421504

Same Dimension

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



13625409



14614308



8316993



7435111



10007296



2831104

Inverse Universe

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



5915112



4531455



11223528



6907763



1769651



524339

Previews

White Background



This preview shows how the Decimal color 13625409 looks on a white background.

Color Contrast Check

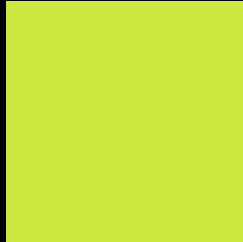
Large Text (above 18pt) WCAG AA × Fail

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 13625409 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 13625409 Background



This preview shows how black text looks on a background with the Decimal color 13625409.

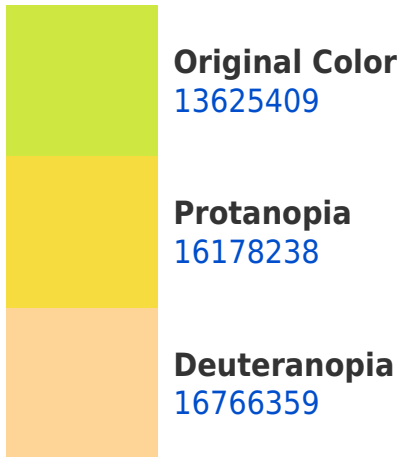


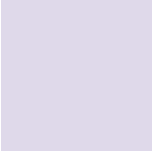
This preview shows how white text looks on a background with the Decimal color 13625409.

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](#).

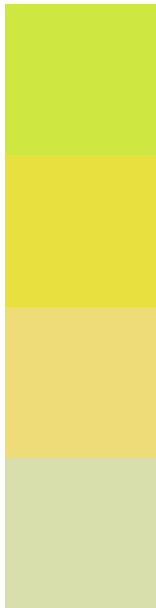
Dichromacy





Tritanopia
14670314

Trichromacy



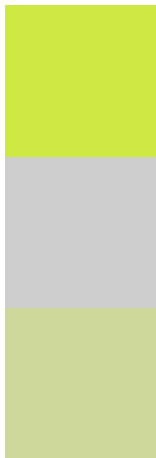
Original Color
13625409

Protanomaly
15261759

Deuteranomaly
15654008

Tritanomaly
14278317

Monochromacy



Original Color
13625409

Achromatopsia
13487565

Achromatomaly
13555610

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13625409 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 #CFE841 looks like.

```
.text, #text, p{  
    color:#CFE841  
}
```

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 #CFE841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE841
}
```

Border

The CSS property to change the border of an element to Decimal 13625409 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
#CFE841 }
```

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

```
.border{ border-color:#CFE841 }
```

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

Here you see how a box with a 4 pixel #CFE841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE841; -webkit-box-shadow:4px 4px  
4px 4px #CFE841; box-shadow:4px 4px 4px  
4px #CFE841 }
```

Background

The CSS property to change the background color of an element to Decimal 13625409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE841 }
```

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

```
.background{ background-color:#CFE841 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor