

Converting Colors

Decimal(13035594)

Have a look what the booklet for
Decimal(13035594) contains.

Decimal(13035594)	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(13035594)

Conversions

Conversions Part 1

Format	Color
Hex	C6E84A
RGB	198, 232, 74
RGB Percent	78%, 91%, 29%
CMY	0.2235, 0.0902, 0.7098
CMYK	0.15, 0.00, 0.68, 0.09
HSL	73°, 77%, 60%
HSV	73°, 68%, 91%
XYZ	53.3813, 70.2134, 17.2176
YIQ	203.8220, 30.4540, -56.3460

Conversions

Conversions Part 2

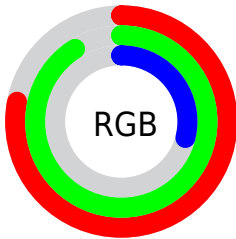
Format	Color
RYB	74, 232, 108
Decimal	13035594
CIELab	87.10, -31.87, 69.61
CIElCh	87, 76.560, 114.603
Yxy	70.2134, 0.3791, 0.4986
Android (android.graphics.Color)	4291225674 (0xFFC6E84A)
YUV	203.8220, -64.0022, -5.1059
Hunter-Lab	83.7934, -32.9235, 46.4727

Details

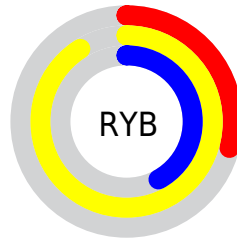
The Decimal color **13035594** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7097064**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777091**, and **9220096** is the 20% darker color. If you saturate the color by 10%, you get **12707891**, and if you desaturate by 10%, it is **13363297**.

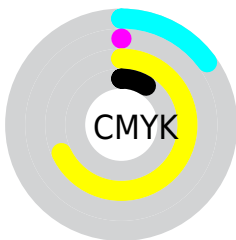
Distribution



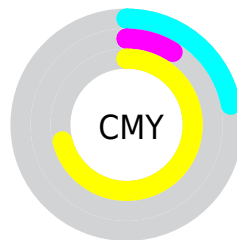
- Red (78%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)




















- Cyan (22%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13035594 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 13035594 by changing the saturation by 10% instead.

 13035594	 13035594
 16777215	 11127851
 16777091	 9220096
 16777119	 7378432
 16777148	 5536768
 16777177	 3760896
 16777206	 1788416
	 13056
	 8192
	 0

■ 13035594

■ 13035594

■ 12707891

■ 13363297

■ 12380188

■ 13691000

■ 12052484

■ 14018704

■ 11986944

■ 14346407

■ 14674110

■ 15001813

■ 15329516

■ 15657215

■ 15984895

Harmonies

Analogous

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



16765501



13035594



6747778

Triad

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



13035594



63231



16750827

Complementary

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



13035594



7097064

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



13035594



59135

Square

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



13035594



65023



12963071



16751778

Rectangle

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



13035594



64433



12963071



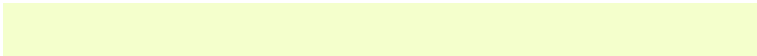
16752127

Sweetspot

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



13035594



16056268



15231562



7962721



0



8421504

Same Dimension

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



13035594



13827886



7989322



7369575



9220864



2634496

Inverse Universe

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



7097064



5975807



12143336



6973299



2490547



720947

Previews

White Background



This preview shows how the Decimal color 13035594 looks on a white background.

Color Contrast Check

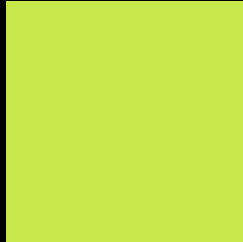
Large Text (above 18pt) WCAG AA × Fail

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 13035594 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 13035594 Background



This preview shows how black text looks on a background with the Decimal color 13035594.



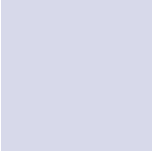
This preview shows how white text looks on a background with the Decimal color 13035594.

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](#).

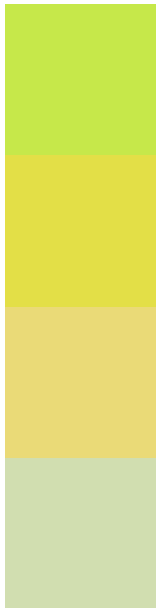
Dichromacy





Tritanopia
14146026

Trichromacy



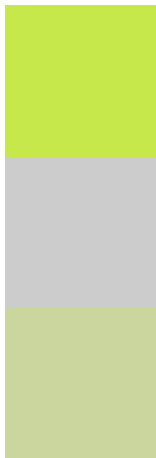
Original Color
13035594

Protanomaly
14933831

Deuteranomaly
15391351

Tritanomaly
13754032

Monochromacy



Original Color
13035594

Achromatopsia
13421772

Achromatomaly
13293213

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13035594 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 #C6E84A looks like.

```
.text, #text, p{  
    color:#C6E84A  
}
```

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 #C6E84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E84A
}
```

Border

The CSS property to change the border of an element to Decimal 13035594 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
#C6E84A }
```

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

```
.border{ border-color:#C6E84A }
```

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

Here you see how a box with a 4 pixel #C6E84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E84A; -webkit-box-shadow:4px 4px  
4px 4px #C6E84A; box-shadow:4px 4px 4px  
4px #C6E84A }
```

Background

The CSS property to change the background color of an element to Decimal 13035594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E84A }
```

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

```
.background{ background-color:#C6E84A }
```

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