

Converting Colors

Android(4291095413)

Have a look what the booklet for
Android(4291095413) contains.

Android(4291095413)	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

Android(4291095413)

Conversions

Conversions Part 1

Format	Color
Hex	C4EB75
RGB	196, 235, 117
RGB Percent	77%, 92%, 46%
CMY	0.2314, 0.0784, 0.5412
CMYK	0.17, 0.00, 0.50, 0.08
HSL	80°, 75%, 69%
HSV	80°, 50%, 92%
XYZ	55.6842, 72.4368, 27.8765
YIQ	209.8870, 14.6340, -44.9660

Conversions

Conversions Part 2

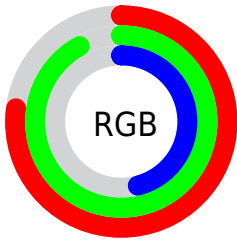
Format	Color
RYB	117, 235, 156
Decimal	12905333
CIELab	88.18, -30.67, 52.62
CIElCh	88, 60.907, 120.233
Yxy	72.4368, 0.3570, 0.4643
Android (android.graphics.Color)	4291095413 (0xFFC4EB75)
YUV	209.8870, -45.7933, -12.1789
Hunter-Lab	85.1098, -32.1563, 40.1573

Details

The Android color **4291095413** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **4288443883**, and the grayscale version is **4292006610**.

A 20% lighter version of the original color is **4294901676**, and **4287411008** is the 20% darker color. If you saturate the color by 10%, you get **4290571102**, and if you desaturate by 10%, it is **4291619725**.

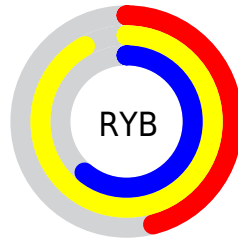
Distribution



Red (77%)

Green (92%)

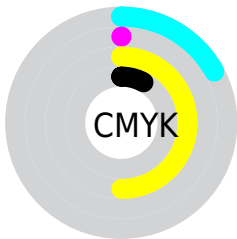
Blue (46%)



Red (46%)

Yellow (92%)

Blue (61%)

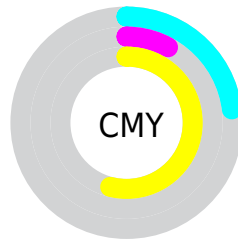


Cyan (17%)

Magenta (0%)

Yellow (50%)

Black (8%)



Cyan (23%)

Magenta (8%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291095413 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 Android color 4291095413 by changing the saturation by 10% instead.

 4291095413

 4291095413

4294967295

 4289253210

 4294901676

 4287411008

 4294967240

 4285634597

 4294967268

 4283858432


 4282148096

 4280372480

 4278203904


 4278198784

 4278190080

 4291095413

 4291095413

 4290571102

 4291619725

 4290046790

 4292144036

 4289588015

 4292602811

 4289063703

 4293127123

 4288539392

 4293651435

 4294175743

 4294634495

 4294962175

Harmonies

Analogous

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



4294957669



4291095413



4286183073

Triad

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



4291095413



4278252287



4294946015

Complementary

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



4291095413



4288443883

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.



4294949119



4291095413



4285916159

Square

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



4291095413



4278254335



4292988671



4294947494

Rectangle

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



4291095413



4279696072



4292988671



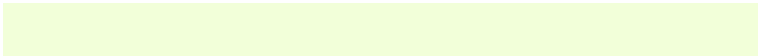
4294946547

Sweetspot

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



4291095413



4294115289



4293630581



4286087273



4278190080



4286611584

Same Dimension

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



4291095413



4291624806



4287359861



4285625706



4286166272



4280563200

Inverse Universe

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



4288443883



4288243455



4292179435



4285360757



4282122421



4279369782

Previews

White Background



This preview shows how the Android color 4291095413 looks on a white background.

Color Contrast Check

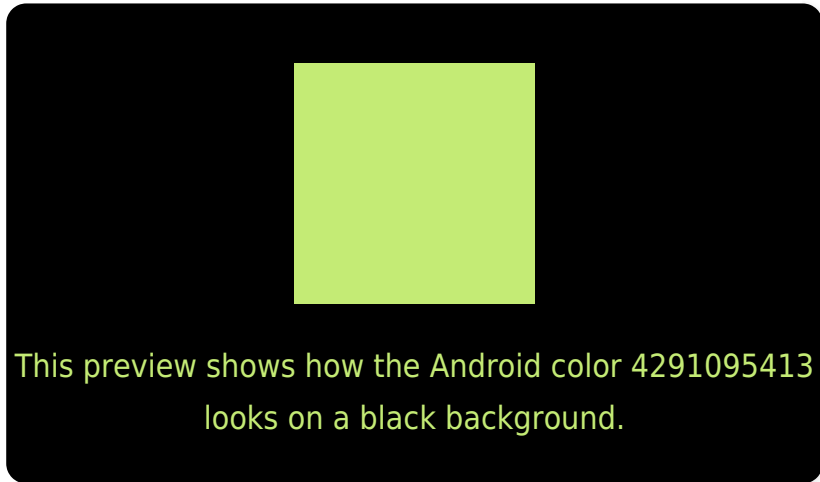
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Android 4291095413 Background



This preview shows how black text looks on a background with the Android color 4291095413.



This preview shows how white text looks on a background with the Android color 4291095413.

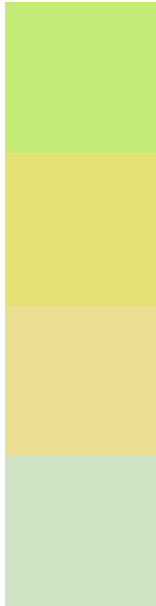
Color Blindness Simulation

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



Trichromacy



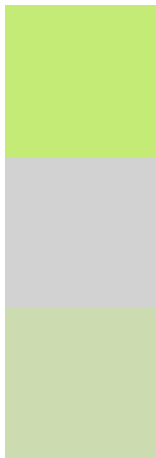
Original Color
4291095413

Protanomaly
4293124722

Deuteranomaly
4293582482

Tritanomaly
4291748803

Monochromacy



Original Color
4291095413

Achromatopsia
4292006610

Achromatomaly
4291681200

CSS Examples

Text

The CSS property to change the color of the text to Android 4291095413 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 `rgb(196, 235, 117)` looks like.

```
.text, #text, p{  
    color:rgb(196, 235, 117)  
}
```

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 rgb(196, 235, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 235, 117) }
```

Border

The CSS property to change the border of an element to Android 4291095413 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 rgb(196, 235, 117) }
```

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

```
.border{ border-color:rgb(196, 235, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 235, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 235, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 235, 117);  
box-shadow:4px 4px 4px 4px rgb(196, 235,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4291095413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 235, 117) }
```

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

```
.background{ background-color: rgb(196,  
235, 117) }
```

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