

Converting Colors

Android(4291685225)

Have a look what the booklet for
Android(4291685225) contains.

Android(4291685225)	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(4291685225)

Conversions

Conversions Part 1

Format	Color
Hex	CDEB69
RGB	205, 235, 105
RGB Percent	80%, 92%, 41%
CMY	0.1961, 0.0784, 0.5882
CMYK	0.13, 0.00, 0.55, 0.08
HSL	74°, 76%, 67%
HSV	74°, 55%, 92%
XYZ	57.4350, 73.4157, 24.5081
YIQ	211.2100, 23.8500, -46.7900

Conversions

Conversions Part 2

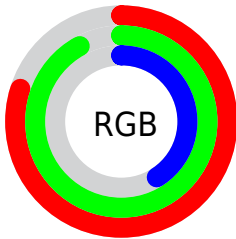
Format	Color
RYB	105, 235, 135
Decimal	13495145
CIELab	88.65, -28.34, 58.76
CIElCh	89, 65.242, 115.748
Yxy	73.4157, 0.3697, 0.4726
Android (android.graphics.Color)	4291685225 (0xFFCDEB69)
YUV	211.2100, -52.3615, -5.4462
Hunter-Lab	85.6830, -30.2932, 43.0192

Details

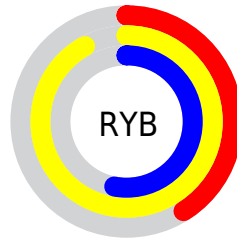
The Android color **4291685225** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **4287064555**, and the grayscale version is **4292138196**.

A 20% lighter version of the original color is **4294967200**, and **4287935282** is the 20% darker color. If you saturate the color by 10%, you get **4291357521**, and if you desaturate by 10%, it is **4292012928**.

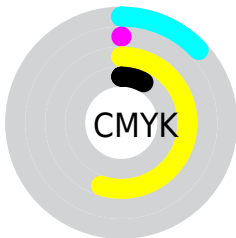
Distribution



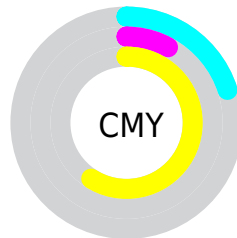
- Red (80%)
- Green (92%)
- Blue (41%)



- Red (41%)
- Yellow (92%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (55%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291685225 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 4291685225 by changing the saturation by 10% instead.



4291685225



4291685225

4294967295



4289777486



4294967200



4287935282



4294967228



4286158865



4294967256



4284317184



4294967286



4282606848



4280831232



4278793728




4278198784



4278190080

 4291685225

 4291685225

 4291357521

 4292012928

 4290964282

 4292406168

 4290636578

 4292733871

 4290243339

 4293127111

 4290112256

 4293454814

 4293848054

 4294175743

 4294503423

 4294896639

Harmonies

Analogous

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



4294957150



4291685225



4286576534

Triad

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



4291685225



4278253311



4294945514

Complementary

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



4291685225



4287064555

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.



4294949375



4291685225



4282640639

Square

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



4291685225



4278255103



4292137727



4294946476

Rectangle

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



4291685225



4279631038



4292137727



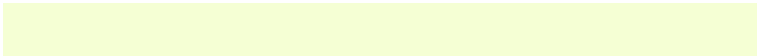
4294946303

Sweetspot

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



4291685225



4294311892



4293625193



4286218342



4278190080



4286611584

Same Dimension

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



4291685225



4292411223



4287556457



4285756778



4287345920



4280890880

Inverse Universe

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



4287064555



4286470143



4291193323



4285295221



4280942773



4278976566

Previews

White Background



This preview shows how the Android color 4291685225 looks on a white background.

Color Contrast Check

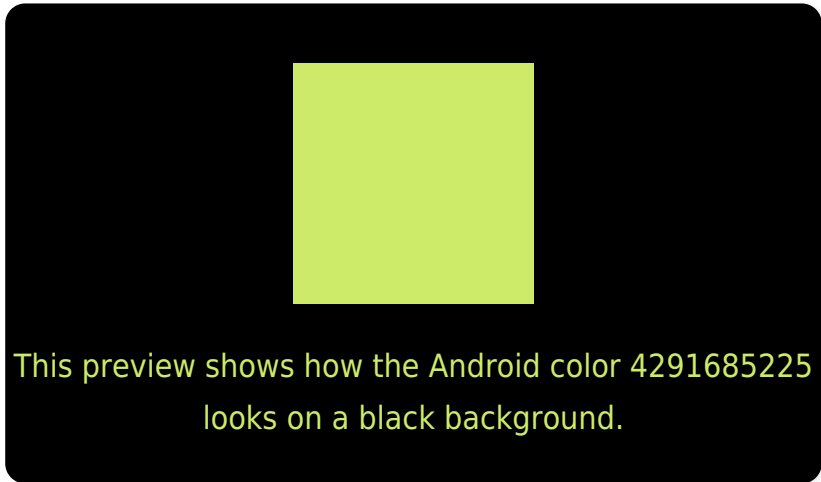
Large Text (above 18pt) WCAG AA × Fail

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 4291685225 Background



This preview shows how black text looks on a background with the Android color 4291685225.



This preview shows how white text looks on a background with the Android color 4291685225.

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](#).

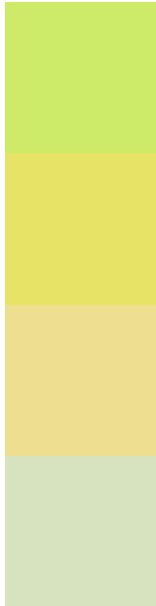
Dichromacy





Tritanopia
4292664814

Trichromacy



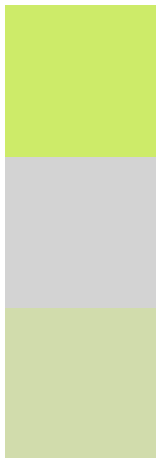
Original Color
4291685225

Protanomaly
4293387110

Deuteranomaly
4293779343

Tritanomaly
4292338366

Monochromacy



Original Color
4291685225

Achromatopsia
4292072403

Achromatomaly
4291943596

CSS Examples

Text

The CSS property to change the color of the text to Android 4291685225 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(205, 235, 105)` looks like.

```
.text, #text, p{  
    color:rgb(205, 235, 105)  
}
```

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(205, 235, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 235, 105) }
```

Border

The CSS property to change the border of an element to Android 4291685225 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(205, 235, 105) }
```

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

```
.border{ border-color:rgb(205, 235, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 235, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 235, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 235, 105);  
box-shadow:4px 4px 4px 4px rgb(205, 235,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4291685225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 235, 105) }
```

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

```
.background{ background-color: rgb(205,  
235, 105) }
```

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