

# Converting Colors

Android(4291493564)

Have a look what the booklet for  
Android(4291493564) contains.

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# **Color**

**Android(4291493564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAFEBC
RGB	202, 254, 188
RGB Percent	79%, 100%, 74%
CMY	0.2078, 0.0039, 0.2627
CMYK	0.20, 0.00, 0.26, 0.00
HSL	107°, 97%, 87%
HSV	107°, 26%, 100%
XYZ	68.8760, 87.0710, 60.7532
YIQ	230.9280, -9.8060, -31.5500

# Conversions

## Conversions Part 2

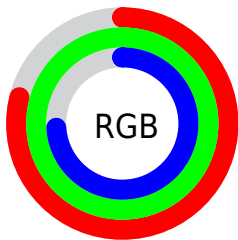
Format	Color
R <sub>YB</sub>	188, 254, 240
Decimal	13303484
CIE Lab	94.77, -28.35, 26.33
CIE LCh	95, 38.687, 137.114
Yxy	87.0710, 0.3178, 0.4018
Android (android.graphics.Color)	4291493564 (0xFFCAFEB3)
YUV	230.9280, -21.1635, -25.3699
Hunter-Lab	93.3119, -31.5400, 26.7159

# Details

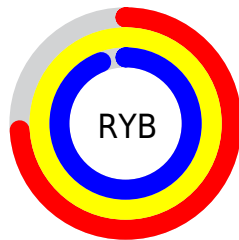
The Android color `4291493564` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4293967102`, and the grayscale version is `4293388263`.

A 20% lighter version of the original color is `4294967284`, and `4287874438` is the 20% darker color. If you saturate the color by 10%, you get `4290182819`, and if you desaturate by 10%, it is `4292804309`.

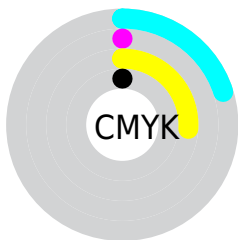
# Distribution



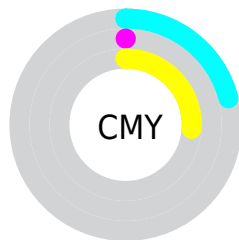
- Red (79%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (94%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291493564 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 4291493564 by changing the saturation by 10% instead.



 4291493564

 4291493564

4294967295

 4289651105

 4294967284

 4287874438

 4286098029

 4284452692

 4282742076


 4281162789

 4279452687

 4278201600

 4278196480

 4291493564

 4291493564

 4290182819

 4292804309

 4288872073

 4294115055

 4287561328


4294967039

 4286250582

 4284939837

 4283629092

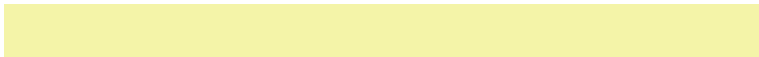
 4282318346

 4281794048

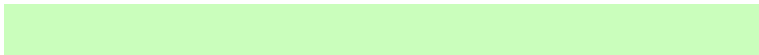
# Harmonies

## Analogous

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



4294243496



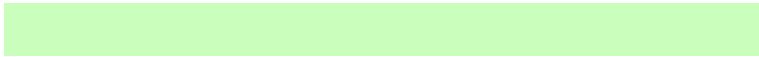
4291493564



4288675806

# Triad

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



4291493564



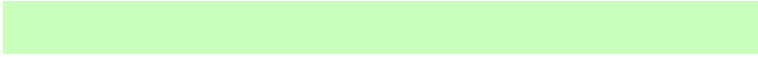
4289198335



4294956508

# Complementary

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



4291493564



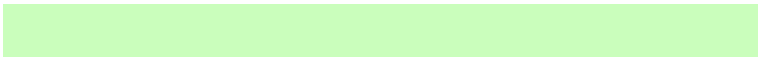
4293967102

# Split Complementary

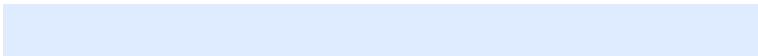
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294956799



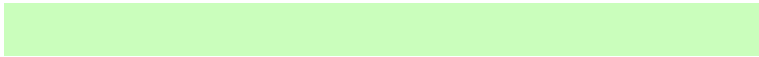
4291493564



4292865279

# Square

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



4291493564



4286513151



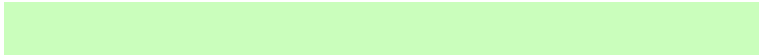
4294959103



4294958267

# Rectangle

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



4291493564



4287037432



4294959103

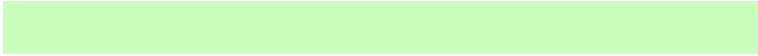


4294956264



# Sweetspot

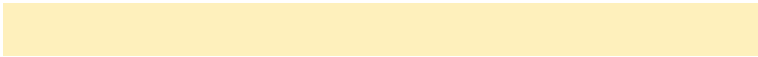
The Sweet Spot groups the original color and five complimentary colors.



4291493564



4293918699



4294897852



4285890675



4278190080

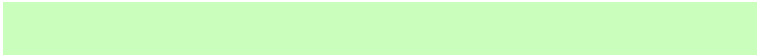


4286611584

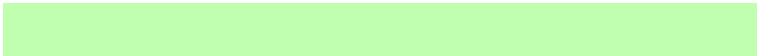


# Same Dimension

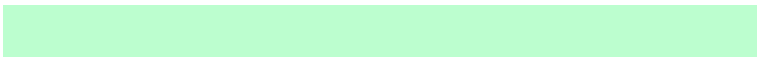
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291493564



4290903984



4290576079



4285890675



4280925952



4279123968



# Inverse Universe

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



4293967102



4293832959



4294884587



4286411648



4288086207

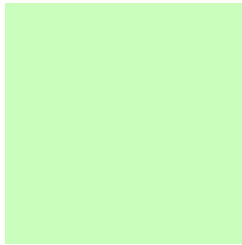


4281466944



# Previews

## White Background



This preview shows how the Android color 4291493564 looks on a white background.

## Color Contrast Check

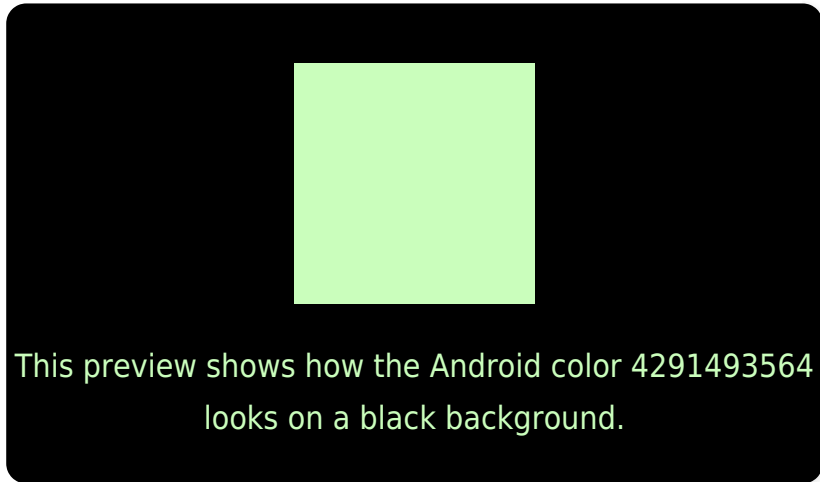
Large Text (above 18pt) WCAG AA × Fail

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

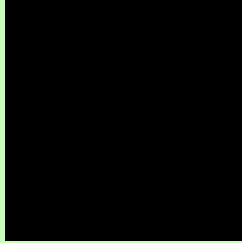
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

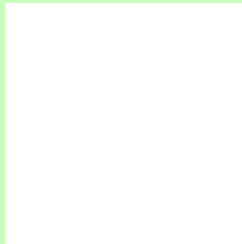
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291493564 Background



This preview shows how black text looks on a background with the Android color 4291493564.



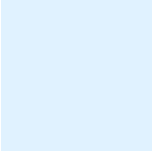
This preview shows how white text looks on a background with the Android color 4291493564.

# 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





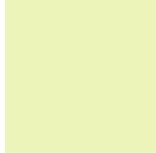
**Tritanopia**  
4292932351

# Trichromacy



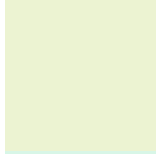
**Original Color**

4291493564



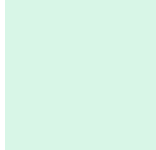
**Protanomaly**

4293719226



**Deuteranomaly**

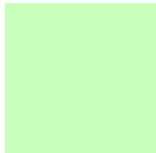
4293718994



**Tritanomaly**

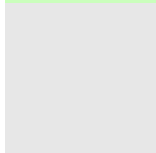
4292409063

# Monochromacy



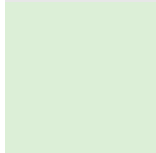
**Original Color**

4291493564



**Achromatopsia**

4293388263



**Achromatomaly**

4292669399

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291493564 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(202, 254, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 254, 188)  
}
```

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(202, 254, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 254, 188) }
```

## Border

The CSS property to change the border of an element to Android 4291493564 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(202, 254, 188) }
```

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

```
.border{ border-color:rgb(202, 254, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 254, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 254, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 254, 188); box-shadow:4px 4px 4px 4px rgb(202, 254, 188) }
```

# Background

The CSS property to change the background color of an element to Android 4291493564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 254, 188) }
```

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

```
.background{ background-color: rgb(202,  
254, 188) }
```

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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