

# Converting Colors

Android(4291030423)

Have a look what the booklet for  
Android(4291030423) contains.

<b>Android(4291030423)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291030423)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3ED97
RGB	195, 237, 151
RGB Percent	76%, 93%, 59%
CMY	0.2353, 0.0706, 0.4078
CMYK	0.18, 0.00, 0.36, 0.07
HSL	89°, 70%, 76%
HSV	89°, 36%, 93%
XYZ	58.3758, 74.4048, 40.5630
YIQ	214.6380, 2.5740, -35.6500

# Conversions

## Conversions Part 2

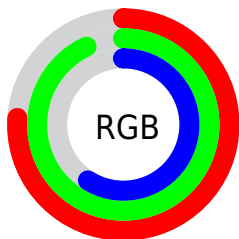
Format	Color
<a href="#">RYB</a>	<a href="#">151, 237, 193</a>
Decimal	<a href="#">12840343</a>
CIELab	<a href="#">89.11, -28.06, 37.32</a>
CIELCh	<a href="#">89, 46.695, 126.940</a>
Yxy	<a href="#">74.4048, 0.3368, 0.4292</a>
Android (android.graphics.Color)	<a href="#">4291030423 (0xFFC3ED97)</a>
YUV	<a href="#">214.6380, -31.3735, -17.2225</a>
Hunter-Lab	<a href="#">86.2582, -30.1510, 32.4996</a>

# Details

The Android color `4291030423` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4290877421`, and the grayscale version is `4292335575`.

A 20% lighter version of the original color is `4294836174`, and `4287411555` is the 20% darker color. If you saturate the color by 10%, you get `4290243967`, and if you desaturate by 10%, it is `4291816879`.

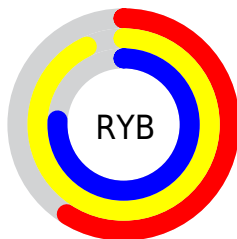
# Distribution



Red (76%)

Green (93%)

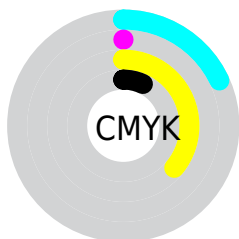
Blue (59%)



Red (59%)

Yellow (93%)

Blue (76%)

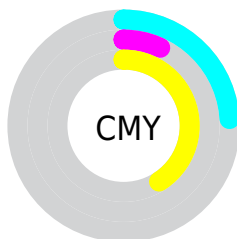


Cyan (18%)

Magenta (0%)

Yellow (36%)

Black (7%)



Cyan (24%)

Magenta (7%)

Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291030423 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 4291030423 by changing the saturation by 10% instead.



 4291030423

 4291030423

4294967295

 4289188221

 4294836174

 4287411555

 4294967275

 4285635146

 4283990065

 4282279705

 4280634880

 4278990592

 4278198784

 4278190080

 4291030423

 4291030423

 4290243967

 4291816879

 4289523048

 4292537798

 4288736592

 4293324254

 4288015672

 4294045174

 4287229217

 4294831615

 4286508297

 4294962687

 4286180608

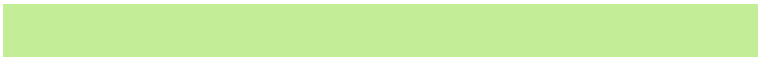
# Harmonies

## Analogous

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



4294173062



4291030423



4287428027

# Triad

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



4291030423



4284542719



4294950359

# Complementary

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



4291030423



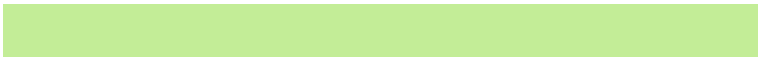
4290877421

# Split Complementary

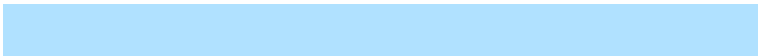
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294951679



4291030423



4289782271

# Square

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



4291030423



4279236351



4294168831



4294951852

# Rectangle

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



4291030423



4284676058



4294168831



4294950374



# Sweetspot

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



4291030423



4294049763



4293771671



4286021743



4278190080



4286611584

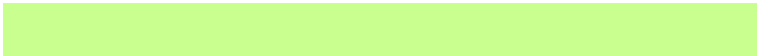


# Same Dimension

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



4291030423



4291362703



4288212375



4285560170



4284331264



4279973376



# Inverse Universe

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



4290877421



4291203071



4293695469



4285491829



4283957429



4279894070



# Previews

## White Background



This preview shows how the Android color 4291030423 looks on a white background.

## Color Contrast Check

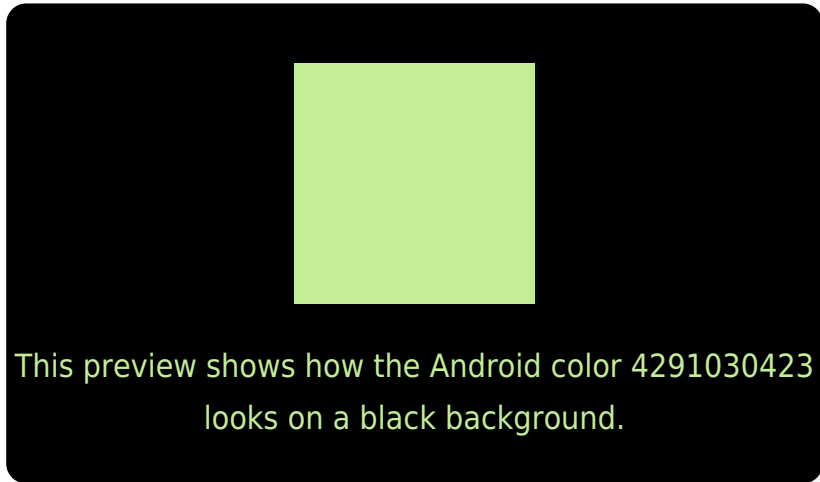
Large Text (above 18pt) WCAG AA × Fail

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 4291030423 Background



This preview shows how black text looks on a background with the Android color 4291030423.

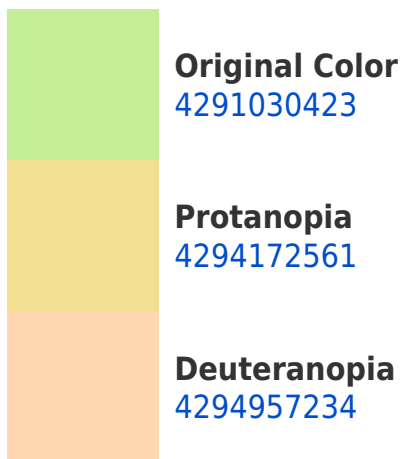


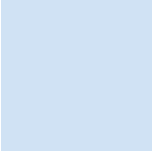
This preview shows how white text looks on a background with the Android color 4291030423.

# 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**  
4291879668

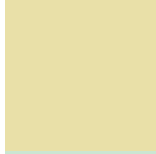
# Trichromacy



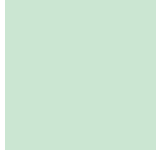
**Original Color**  
4291030423



**Protanomaly**  
4293059731



**Deuteranomaly**  
4293517480

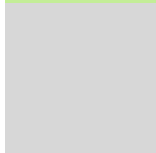


**Tritanomaly**  
4291552978

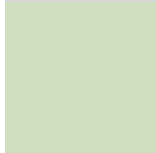
# Monochromacy



**Original Color**  
4291030423



**Achromatopsia**  
4292335575



**Achromatomaly**  
4291878848

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291030423 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(195, 237, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 237, 151)  
}
```

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(195, 237, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 237, 151) }
```

## Border

The CSS property to change the border of an element to Android 4291030423 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(195, 237, 151) }
```

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

```
.border{ border-color:rgb(195, 237, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 237, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 237, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 237, 151);  
box-shadow:4px 4px 4px 4px rgb(195, 237,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4291030423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 237, 151) }
```

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

```
.background{ background-color: rgb(195,  
237, 151) }
```

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