

# Converting Colors

Android(4290637023)

Have a look what the booklet for  
Android(4290637023) contains.

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# **Color**

**Android(4290637023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDECDF
RGB	189, 236, 223
RGB Percent	74%, 93%, 87%
CMY	0.2588, 0.0745, 0.1255
CMYK	0.20, 0.00, 0.06, 0.07
HSL	163°, 55%, 83%
HSV	163°, 20%, 93%
XYZ	64.3010, 76.1374, 81.1190
YIQ	220.4650, -23.8390, -14.0070

# Conversions

## Conversions Part 2

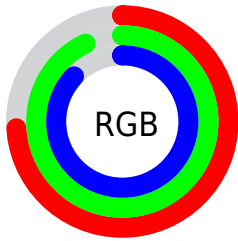
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 216, 236
Decimal	12446943
CIELab	89.92, -17.63, 1.32
CIELCh	90, 17.683, 175.726
Yxy	76.1374, 0.2902, 0.3436
Android (android.graphics.Color)	4290637023 (0xFFBDECDF)
YUV	220.4650, 1.2498, -27.5948
Hunter-Lab	87.2568, -21.1596, 5.9603

# Details

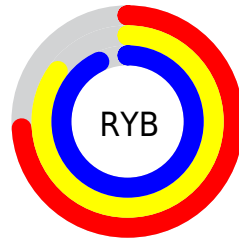
The Android color `4290637023` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4293705162`, and the grayscale version is `4292664540`.

A 20% lighter version of the original color is `4294377471`, and `4287083688` is the 20% darker color. If you saturate the color by 10%, you get `4289064152`, and if you desaturate by 10%, it is `4292209894`.

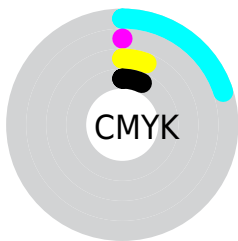
# Distribution



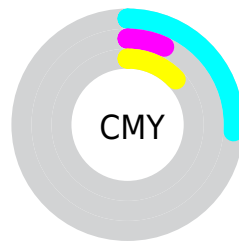
- Red (74%)
- Green (93%)
- Blue (87%)



- Red (74%)
- Yellow (85%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290637023 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 4290637023 by changing the saturation by 10% instead.





4290637023



4290637023

4294967295



4288860355



4294377471



4287083688



4285372813



4283727732



4282082907



4280503876



4278794030



4278198553



4278190080

 4290637023

 4290637023

 4289064152

 4292209894

 4287556818

 4293717228

 4285983947


 4294962419

 4284476613

 4294962425

 4282903742

 4294962431

 4281330872

 4279823537

 4278250667

# Harmonies

## Analogous

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



4291685071



4290637023



4290178288

# Triad

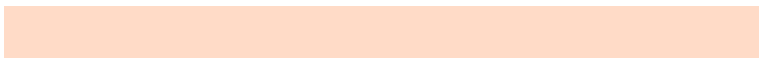
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4290637023



4293058559



4294958023

# Complementary

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



4290637023



4293705162

# 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.



4294957012



4290637023



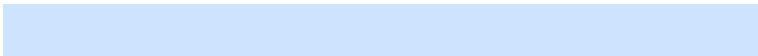
4294367989

# Square

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



4290637023



4291683583



4294957029



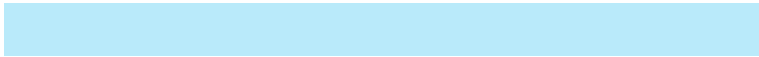
4294107329

# Rectangle

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



4290637023



4290374394



4294957029



4294957515



# Sweetspot

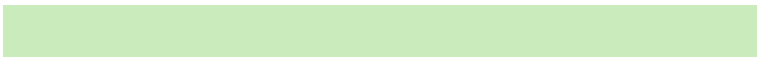
The Sweet Spot groups the original color and five complimentary colors.



4290637023



4293984251



4291488957



4286021757



4278190080



4286611584

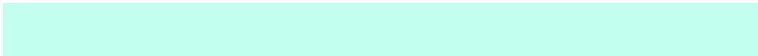


# Same Dimension

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



4290637023



4290969582



4290634476



4285166962



4278236547



4278203943



# Inverse Universe

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



4293705162



4294951635



4293707709



4285885037



4290052146

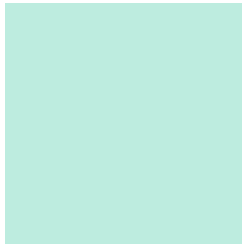


4281729039



# Previews

## White Background



This preview shows how the Android color 4290637023 looks on a white background.

## Color Contrast Check

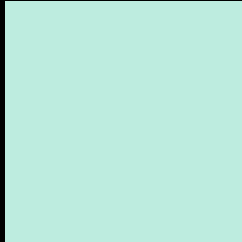
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290637023 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

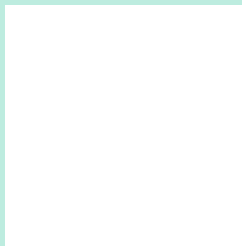
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290637023 Background



This preview shows how black text looks on a background with the Android color 4290637023.



This preview shows how white text looks on a background with the Android color 4290637023.

# 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



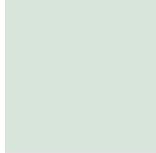


# Trichromacy



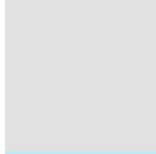
**Original Color**

4290637023



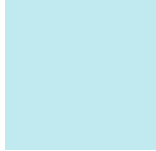
**Protanomaly**

4292404699



**Deuteranomaly**

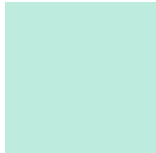
4293059042



**Tritanomaly**

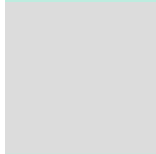
4290832880

# Monochromacy



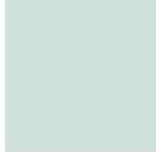
**Original Color**

4290637023



**Achromatopsia**

4292664540



**Achromatomaly**

4291945181

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290637023 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(189, 236, 223)` looks like.

```
.text, #text, p{  
    color:rgb(189, 236, 223)  
}
```

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(189, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 236, 223) }
```

## Border

The CSS property to change the border of an element to Android 4290637023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

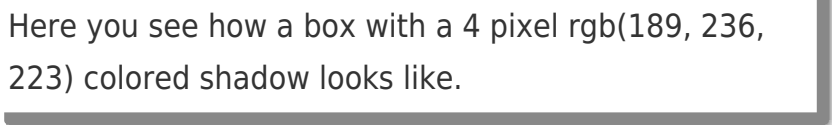
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 236, 223) }
```

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

```
.border{ border-color:rgb(189, 236, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 236, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 236, 223); box-shadow:4px 4px 4px 4px rgb(189, 236, 223) }
```

# Background

The CSS property to change the background color of an element to Android 4290637023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 236, 223) }
```

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

```
.background{ background-color: rgb(189,  
236, 223) }
```

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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