

# Converting Colors

Android(4290242232)

Have a look what the booklet for  
Android(4290242232) contains.

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# **Color**

**Android(4290242232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7E6B8
RGB	183, 230, 184
RGB Percent	72%, 90%, 72%
CMY	0.2824, 0.0980, 0.2784
CMYK	0.20, 0.00, 0.20, 0.10
HSL	121°, 48%, 81%
HSV	121°, 20%, 90%
XYZ	56.4770, 70.1216, 55.9056
YIQ	210.7030, -13.2460, -24.2700

# Conversions

## Conversions Part 2

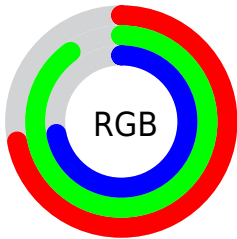
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 229, 230
Decimal	12052152
CIELab	87.06, -23.86, 17.53
CIELCh	87, 29.606, 143.686
Yxy	70.1216, 0.3095, 0.3842
Android (android.graphics.Color)	4290242232 (0xFFB7E6B8)
YUV	210.7030, -13.1646, -24.2955
Hunter-Lab	83.7386, -26.1545, 19.0339

# Details

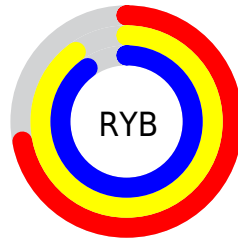
The Android color `4290242232` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4293310437`, and the grayscale version is `4292072403`.

A 20% lighter version of the original color is `4293984240`, and `4286688899` is the 20% darker color. If you saturate the color by 10%, you get `4288734881`, and if you desaturate by 10%, it is `4291749583`.

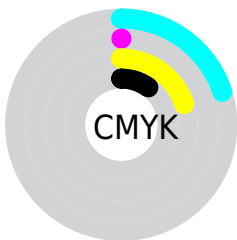
# Distribution



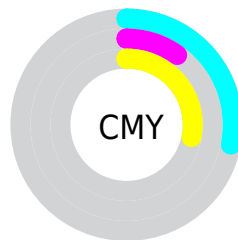
- Red (72%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290242232 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 4290242232 by changing the saturation by 10% instead.



 4290242232

 4290242232

4294967295

 4288465565

 4293984240

 4286688899

 4284978282

 4283398737

 4281753914

 4280174884

 4278530575

 4278197760

 4278190080

 4290242232

 4290242232

 4288734881

 4291749583

 4287227531

 4293256933


 4285720180

 4294764284

 4284212830

 4294960895

 4282705479

 4281198129

 4279690778

 4278248965

# Harmonies

## Analogous

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



4292337574



4290242232



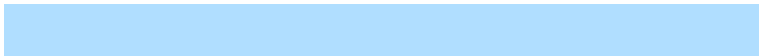
4288277203

# Triad

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



4290242232



4289781503



4294952901

# Complementary

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



4290242232



4293310437

# 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.



4294952673



4290242232



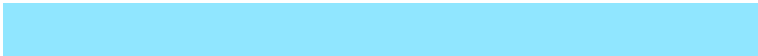
4292335103

# Square

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



4290242232



4287686399



4294561020



4294954414

# Rectangle

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



4290242232



4287425254



4294561020



4294952654



# Sweetspot

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



4290242232



4293984240



4293256887



4286021751



4278190080



4286611584

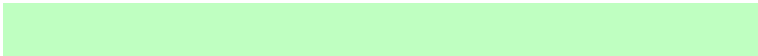


# Same Dimension

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



4290242232



4290772929



4290242255



4284969832



4278235908



4278203137



# Inverse Universe

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



4293310437



4294950910



4293310414



4285753203



4289921199

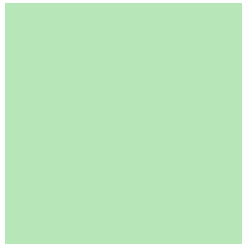


4281532466



# Previews

## White Background



This preview shows how the Android color 4290242232 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 4290242232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

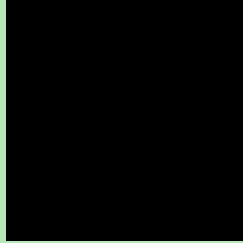
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290242232 Background



This preview shows how black text looks on a background with the Android color 4290242232.

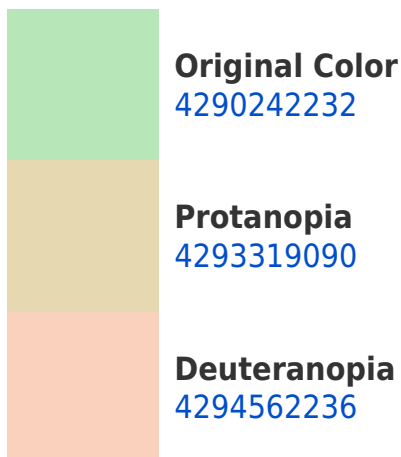


This preview shows how white text looks on a background with the Android color 4290242232.

# 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



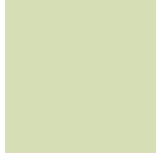


# Trichromacy



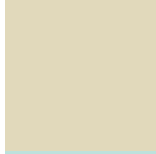
**Original Color**

4290242232



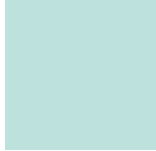
**Protanomaly**

4292206260



**Deuteranomaly**

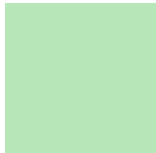
4292991419



**Tritanomaly**

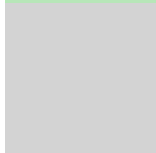
4290634204

# Monochromacy



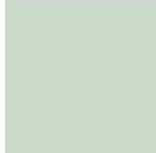
**Original Color**

4290242232



**Achromatopsia**

4292072403



**Achromatomaly**

4291418825

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290242232 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(183, 230, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 230, 184)  
}
```

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(183, 230, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 230, 184) }
```

## Border

The CSS property to change the border of an element to Android 4290242232 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(183, 230, 184) }
```

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

```
.border{ border-color:rgb(183, 230, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 230, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 230, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 230, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 230,  
184) }
```

# Background

The CSS property to change the background color of an element to Android 4290242232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 230, 184) }
```

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

```
.background{ background-color: rgb(183,  
230, 184) }
```

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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