

# Converting Colors

Android(4290046900)

Have a look what the booklet for  
Android(4290046900) contains.

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# **Color**

**Android(4290046900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4EBB4
RGB	180, 235, 180
RGB Percent	71%, 92%, 71%
CMY	0.2941, 0.0784, 0.2941
CMYK	0.23, 0.00, 0.23, 0.08
HSL	120°, 58%, 81%
HSV	120°, 23%, 92%
XYZ	56.7689, 72.4152, 54.1655
YIQ	212.2850, -15.1250, -28.7650

# Conversions

## Conversions Part 2

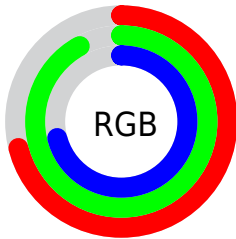
Format	Color
<a href="#">RYB</a>	<a href="#">180, 235, 235</a>
Decimal	<a href="#">11856820</a>
CIELab	<a href="#">88.17, -27.92, 21.13</a>
CIELCh	<a href="#">88, 35.017, 142.887</a>
Yxy	<a href="#">72.4152, 0.3096, 0.3950</a>
Android (android.graphics.Color)	<a href="#">4290046900 (0xFFB4EBB4)</a>
YUV	<a href="#">212.2850, -15.9165, -28.3139</a>
Hunter-Lab	<a href="#">85.0971, -29.8413, 21.8291</a>

# Details

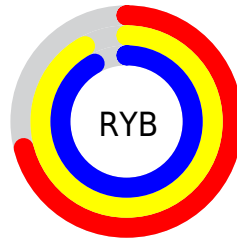
The Android color `4290046900` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4293637355`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4293787628`, and `4286493567` is the 20% darker color. If you saturate the color by 10%, you get `4288539549`, and if you desaturate by 10%, it is `4291619788`.

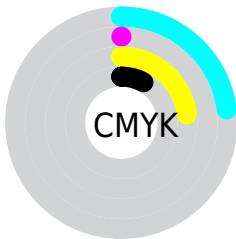
# Distribution



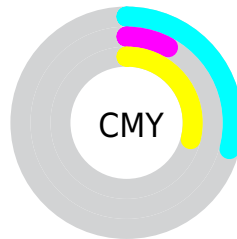
- Red (71%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290046900 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 4290046900 by changing the saturation by 10% instead.



 4290046900

 4290046900

4294967295

 4288270233

 4293787628

 4286493567

 4284782694

 4283137613

 4281492790

 4279847968

 4278203658


 4278198528

 4278190080

 4290046900

 4290046900

 4288539549

 4291619788

 4286966661

 4293127139

 4285459310

 4294700027

 4283886422

 4294962175

 4282379071

 4280806183

 4279298832

 4278250240

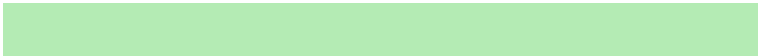
# Harmonies

## Analogous

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



4292535199



4290046900



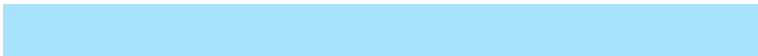
4287623124

# Triad

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



4290046900



4289192959



4294952645

# Complementary

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



4290046900



4293637355

# 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.



4294952423



4290046900



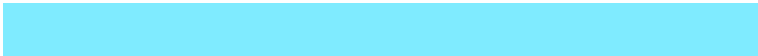
4292335615

# Square

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



4290046900



4286573567



4294954239



4294954409

# Rectangle

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



4290046900



4286312683



4294954239

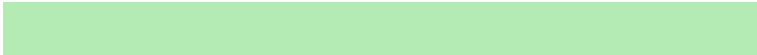


4294952400



# Sweetspot

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



4290046900



4293787629



4293651380



4285890677



4278190080



4286611584

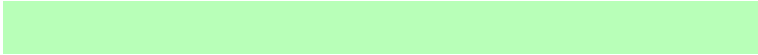


# Same Dimension

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



4290046900



4290314168



4290046928



4285166954



4278236416



4278203904



# Inverse Universe

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



4293637355



4294949119



4293637328



4285885045



4290052277

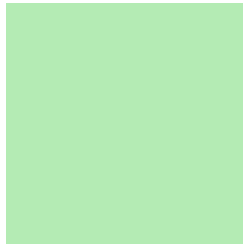


4281729078



# Previews

## White Background



This preview shows how the Android color 4290046900 looks on a white background.

## Color Contrast Check

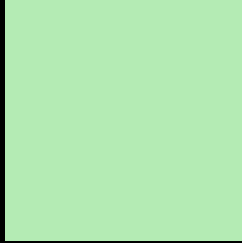
Large Text (above 18pt) WCAG AA × Fail

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 4290046900 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 4290046900 Background



This preview shows how black text looks on a background with the Android color 4290046900.



This preview shows how white text looks on a background with the Android color 4290046900.

# 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



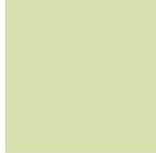


# Trichromacy



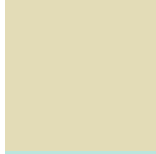
**Original Color**

4290046900



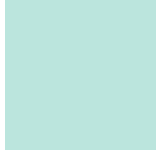
**Protanomaly**

4292338096



**Deuteranomaly**

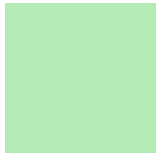
4293123255



**Tritanomaly**

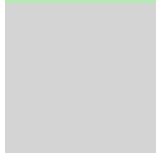
4290504157

# Monochromacy



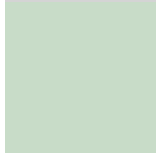
**Original Color**

4290046900



**Achromatopsia**

4292138196



**Achromatomaly**

4291353800

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290046900 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(180, 235, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 235, 180)  
}
```

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(180, 235, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 235, 180) }
```

## Border

The CSS property to change the border of an element to Android 4290046900 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(180, 235, 180) }
```

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

```
.border{ border-color:rgb(180, 235, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 235, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 235, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 235, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 235,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4290046900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 235, 180) }
```

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

```
.background{ background-color: rgb(180,  
235, 180) }
```

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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