

# Converting Colors

Android(4290104996)

Have a look what the booklet for  
Android(4290104996) contains.

<b>Android(4290104996)</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(4290104996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5CEA4
RGB	181, 206, 164
RGB Percent	71%, 81%, 64%
CMY	0.2902, 0.1922, 0.3569
CMYK	0.12, 0.00, 0.20, 0.19
HSL	96°, 30%, 73%
HSV	96°, 20%, 81%
XYZ	47.8282, 56.6467, 43.5351
YIQ	193.7370, -1.4180, -18.3620

# Conversions

## Conversions Part 2

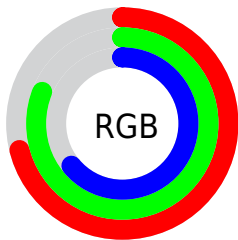
Format	Color
<a href="#">RYB</a>	<a href="#">164, 206, 189</a>
Decimal	<a href="#">11914916</a>
CIELab	<a href="#">79.98, -16.01, 18.14</a>
CIELCh	<a href="#">80, 24.198, 131.431</a>
Yxy	<a href="#">56.6467, 0.3231, 0.3827</a>
Android (android.graphics.Color)	<a href="#">4290104996</a> ( <a href="#">0xFFB5CEA4</a> )
YUV	<a href="#">193.7370, -14.6603, -11.1703</a>
Hunter-Lab	<a href="#">75.2640, -18.2802, 18.3896</a>

# Details

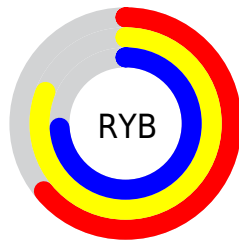
The Android color `4290104996` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4290618574`, and the grayscale version is `4290953922`.

A 20% lighter version of the original color is `4293787611`, and `4286617712` is the 20% darker color. If you saturate the color by 10%, you get `4289318543`, and if you desaturate by 10%, it is `4290891449`.

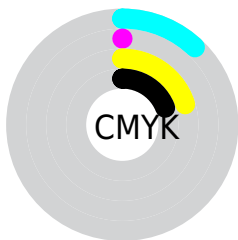
# Distribution



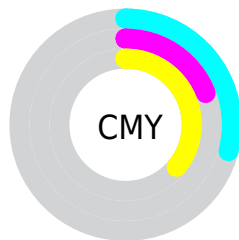
- Red (71%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290104996 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 4290104996 by changing the saturation by 10% instead.



 4290104996

 4290104996

4294967295

 4288328330


 4293787611

 4286617712

 4294967288

 4284907095

 4283327808

 4281814314

 4280301076

 4279050240

 4278190080


 4290104996

 4290104996

 4289318543

 4290891449

 4288466555

 4291743437

 4287680102

 4292529890

 4286893650

 4293316342

 4286107197

 4294102783

 4285255208

 4294954751

 4284468756

 4283682304

# Harmonies

## Analogous

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



4291807386



4290104996



4288467639

# Triad

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



4290104996



4288335344



4294293182

# Complementary

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



4290104996



4290618574

# 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.



4293638357



4290104996



4290233842

# Square

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



4290104996



4287222243



4292198120



4294097577

# Rectangle

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



4290104996



4287615943



4292198120



4294162118



# Sweetspot

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



4290104996



4294377456



4291739044



4286218359



4278190080



4286611584

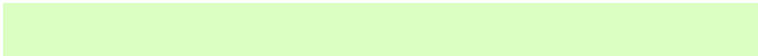


# Same Dimension

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



4290104996



4292607938



4288990888



4284507740



4282623488



4279182848



# Inverse Universe

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



4290618574



4293313279



4291732683



4284636262



4284678310



4279697446



# Previews

## White Background



This preview shows how the Android color 4290104996 looks on a white background.

## Color Contrast Check

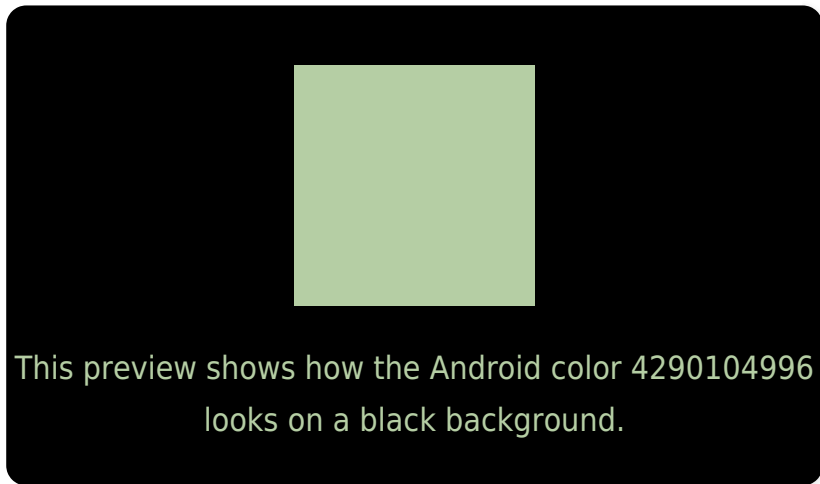
Large Text (above 18pt) WCAG AA × Fail

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 4290104996 Background



This preview shows how black text looks on a background with the Android color 4290104996.



This preview shows how white text looks on a background with the Android color 4290104996.

# 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**  
4290104996

**Protanomaly**  
4291283361

**Deuteranomaly**  
4292068518

**Tritanomaly**  
4290431684

# Monochromacy



**Original Color**  
4290104996

**Achromatopsia**  
4290953922

**Achromatomaly**  
4290627255

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290104996 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(181, 206, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 206, 164)  
}
```

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(181, 206, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 206, 164) }
```

## Border

The CSS property to change the border of an element to Android 4290104996 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(181, 206, 164) }
```

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

```
.border{ border-color:rgb(181, 206, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 206, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 206, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 206, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 206,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4290104996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 206, 164) }
```

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

```
.background{ background-color: rgb(181,  
206, 164) }
```

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