

# Converting Colors

Android(4290437775)

Have a look what the booklet for  
Android(4290437775) contains.

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# **Color**

**Android(4290437775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAE28F
RGB	186, 226, 143
RGB Percent	73%, 89%, 56%
CMY	0.2706, 0.1137, 0.4392
CMYK	0.18, 0.00, 0.37, 0.11
HSL	89°, 59%, 72%
HSV	89°, 37%, 89%
XYZ	52.4040, 66.8150, 36.1212
YIQ	204.5780, 2.8030, -34.2930

# Conversions

## Conversions Part 2

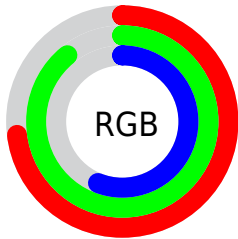
Format	Color
<a href="#">RYB</a>	<a href="#">143, 226, 183</a>
Decimal	<a href="#">12247695</a>
CIELab	<a href="#">85.41, -27.12, 36.39</a>
CIELCh	<a href="#">85, 45.387, 126.691</a>
Yxy	<a href="#">66.8150, 0.3373, 0.4301</a>
Android (android.graphics.Color)	<a href="#">4290437775</a> ( <a href="#">0xFFBAE28F</a> )
YUV	<a href="#">204.5780, -30.3580, -16.2929</a>
Hunter-Lab	<a href="#">81.7404, -28.6090, 31.0180</a>

# Details

The Android color `4290437775` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4290220002`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294180806`, and `4286819163` is the 20% darker color. If you saturate the color by 10%, you get `4289716856`, and if you desaturate by 10%, it is `4291158694`.

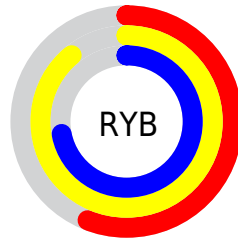
# Distribution



Red (73%)

Green (89%)

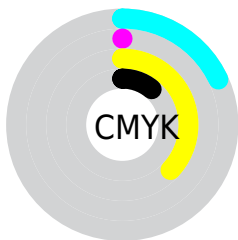
Blue (56%)



Red (56%)

Yellow (89%)

Blue (72%)

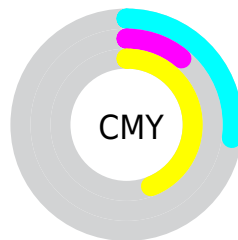


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290437775 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 4290437775 by changing the saturation by 10% instead.





4290437775



4290437775

4294967295



4288595573



4294180806



4286819163



4294967266



4285108291



4283463211



4281818386



4280173824



4278333184



4278196992



4278190080

 4290437775

 4290437775

 4289716856

 4291158694

 4288995938

 4291879612

 4288275019

 4292600531

 4287554101

 4293321449

 4286898718

 4293976831

 4286177799

 4294697727

 4285915648

 4294959871

# Harmonies

## Analogous

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



4293449343



4290437775



4286966450

# Triad

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



4290437775



4284015615



4294948045

# Complementary

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



4290437775



4290220002

# Split Complementary

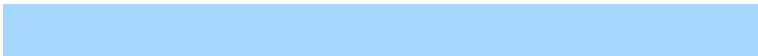
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294949368



4290437775



4289189631

# Square

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



4290437775



4278250239



4293380095



4294949540

# Rectangle

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



4290437775



4284345551



4293380095



4294948060



# Sweetspot

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



4290437775



4294049763



4293047951



4286087279



4278190080



4286611584



# Same Dimension

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



4290437775



4291428239



4287816335



4285231205



4284198912



4279840768



# Inverse Universe

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



4290220002



4291137535



4292841442



4285162864



4283760816



4279697456



# Previews

## White Background



This preview shows how the Android color 4290437775 looks on a white background.

## Color Contrast Check

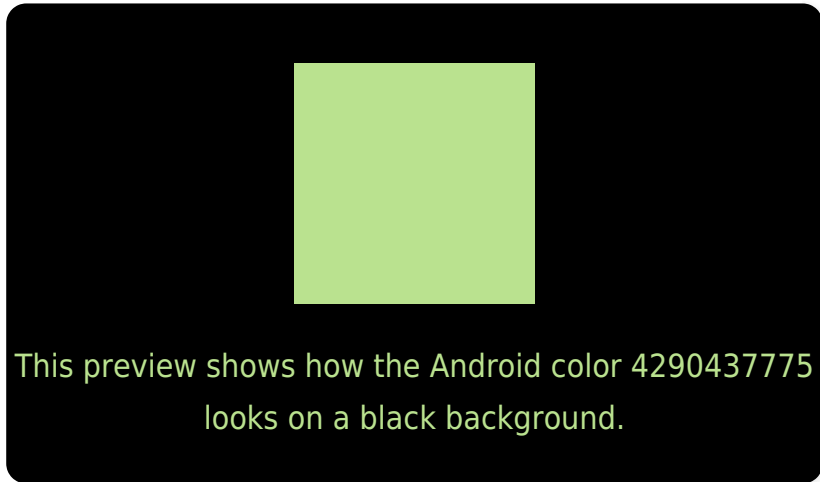
Large Text (above 18pt) WCAG AA × Fail

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 4290437775 Background



This preview shows how black text looks on a background with the Android color 4290437775.



This preview shows how white text looks on a background with the Android color 4290437775.

# 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**  
4291287016

# Trichromacy



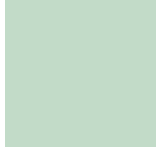
**Original Color**  
4290437775



**Protanomaly**  
4292336268



**Deuteranomaly**  
4293252242

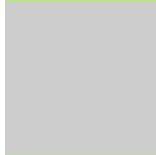


**Tritanomaly**  
4290960328

# Monochromacy



**Original Color**  
4290437775



**Achromatopsia**  
4291677645



**Achromatomaly**  
4291220918

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290437775 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(186, 226, 143)` looks like.

```
.text, #text, p{  
    color:rgb(186, 226, 143)  
}
```

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(186, 226, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 226, 143) }
```

## Border

The CSS property to change the border of an element to Android 4290437775 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(186, 226, 143) }
```

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

```
.border{ border-color:rgb(186, 226, 143) }
```

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

Here you see how a box with a 4 pixel rgb(186, 226, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 226, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 226, 143);  
box-shadow:4px 4px 4px 4px rgb(186, 226,  
143) }
```

# Background

The CSS property to change the background color of an element to Android 4290437775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 226, 143) }
```

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

```
.background{ background-color: rgb(186,  
226, 143) }
```

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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