

# Converting Colors

Android(4284871829)

Have a look what the booklet for  
Android(4284871829) contains.

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# **Color**

**Android(4284871829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65F495
RGB	101, 244, 149
RGB Percent	40%, 96%, 58%
CMY	0.6039, 0.0431, 0.4157
CMYK	0.59, 0.00, 0.39, 0.04
HSL	140°, 87%, 68%
HSV	140°, 59%, 96%
XYZ	43.1423, 69.6380, 39.6014
YIQ	190.4130, -54.7330, -59.8610

# Conversions

## Conversions Part 2

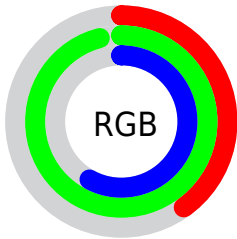
Format	Color
<a href="#">RYB</a>	<a href="#">101, 208, 244</a>
Decimal	<a href="#">6681749</a>
CIELab	<a href="#">86.82, -58.93, 34.51</a>
CIELCh	<a href="#">87, 68.288, 149.643</a>
Yxy	<a href="#">69.6380, 0.2831, 0.4570</a>
Android (android.graphics.Color)	<a href="#">4284871829</a> ( <a href="#">0xFF65F495</a> )
YUV	<a href="#">190.4130, -20.4166, -78.4152</a>
Hunter-Lab	<a href="#">83.4494, -53.7541, 30.2781</a>

# Details

The Android color **4284871829** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **4294206916**, and the grayscale version is **4290756543**.

A 20% lighter version of the original color is **4288872396**, and **4279548769** is the 20% darker color. If you saturate the color by 10%, you get **4283298949**, and if you desaturate by 10%, it is **4286444709**.

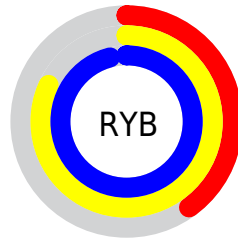
# Distribution



Red (40%)

Green (96%)

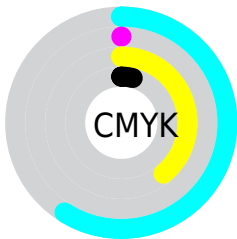
Blue (58%)



Red (40%)

Yellow (82%)

Blue (96%)

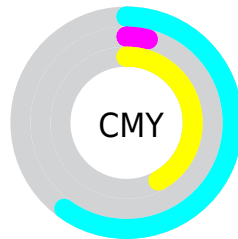


Cyan (59%)

Magenta (0%)

Yellow (39%)

Black (4%)



Cyan (60%)

Magenta (4%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284871829 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 4284871829 by changing the saturation by 10% instead.





4284871829



4284871829

4294967295



4282636155



4288872396



4279548769



4290904040



4278230856



4292870143



4278223920

4294901759



4278217239



4278210560



4278204416



4278198272




4278190080

 4284871829

 4284871829

 4283298949

 4286444709

 4281660533

 4288083125

 4280087652

 4289656006

 4278449236

 4291294422

 4278252626

 4292867302

 4294440182

 4294964479

# Harmonies

## Analogous

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



4290635874



4284871829



4278254038

# Triad

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



4284871829



4282900991



4294944669

# Complementary

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



4284871829



4294206916

# 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.



4294942941



4284871829



4292528639

# Square

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



4284871829



4278252031



4294946815



4294950505

# Rectangle

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



4284871829



4278254079



4294946815



4294943665

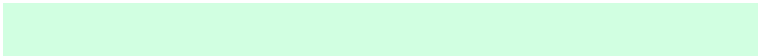


# Sweetspot

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



4284871829



4291952609



4291097701



4284711021



4278190080



4286611584



# Same Dimension

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



4284871829



4283301768



4284871900



4285430386



4278237758



4278205204



# Inverse Universe

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



4294206916



4294921667



4294206845



4286213750



4290379900

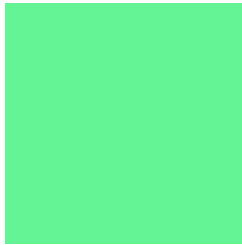


4282056743



# Previews

## White Background



This preview shows how the Android color 4284871829 looks on a white background.

## Color Contrast Check

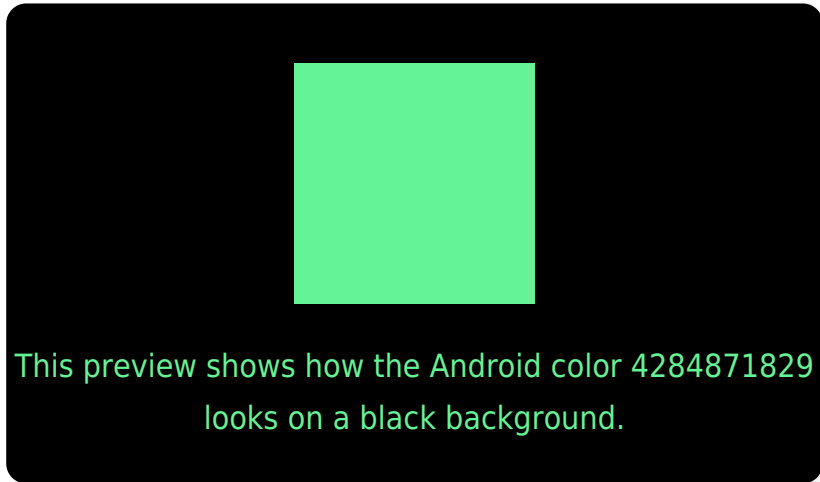
Large Text (above 18pt) WCAG AA × Fail

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

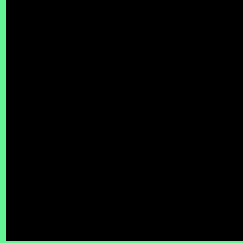
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284871829 Background



This preview shows how black text looks on a background with the Android color 4284871829.

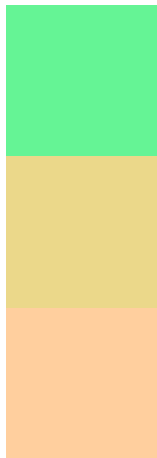


This preview shows how white text looks on a background with the Android color 4284871829.

# 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



**Original Color**  
4284871829

**Protanopia**  
4293646474

**Deuteranopia**  
4294954910



# Trichromacy



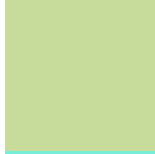
**Original Color**

4284871829



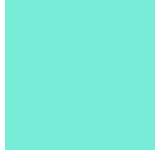
**Protanomaly**

4290437774



**Deuteranomaly**

4291288219



**Tritanomaly**

4286049494

# Monochromacy



**Original Color**

4284871829



**Achromatopsia**

4290690750



**Achromatomaly**

4288598703

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284871829 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(101, 244, 149)` looks like.

```
.text, #text, p{  
    color:rgb(101, 244, 149)  
}
```

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(101, 244, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 244, 149) }
```

## Border

The CSS property to change the border of an element to Android 4284871829 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(101, 244, 149) }
```

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

```
.border{ border-color:rgb(101, 244, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 244, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 244, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 244, 149);  
box-shadow:4px 4px 4px 4px rgb(101, 244,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4284871829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 244, 149) }
```

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

```
.background{ background-color: rgb(101,  
244, 149) }
```

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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