

# Converting Colors

Android(4282970243)

Have a look what the booklet for  
Android(4282970243) contains.

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# **Color**

**Android(4282970243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48F083
RGB	72, 240, 131
RGB Percent	28%, 94%, 51%
CMY	0.7176, 0.0588, 0.4863
CMYK	0.70, 0.00, 0.45, 0.06
HSL	141°, 85%, 61%
HSV	141°, 70%, 94%
XYZ	37.9293, 65.3366, 32.0849
YIQ	177.3420, -65.1390, -69.5150

# Conversions

## Conversions Part 2

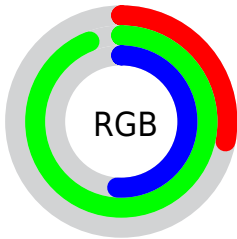
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 196, 240
Decimal	4780163
CIELab	84.66, -65.75, 40.46
CIELCh	85, 77.202, 148.396
Yxy	65.3366, 0.2802, 0.4827
Android (android.graphics.Color)	4282970243 (0xFF48F083)
YUV	177.3420, -22.8466, -92.3849
Hunter-Lab	80.8311, -57.6947, 33.0473

# Details

The Android color `4282970243` is a light color, and the websafe version is hex `66FF99`. The color can be described as light washed spring green. A complement of this color would be `4293937333`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4287430585`, and `4278237007` is the 20% darker color. If you saturate the color by 10%, you get `4281397363`, and if you desaturate by 10%, it is `4284543123`.

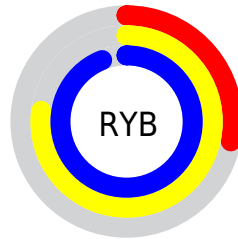
# Distribution



Red (28%)

Green (94%)

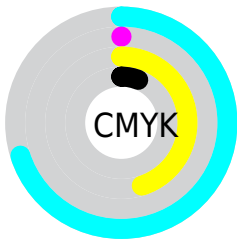
Blue (51%)



Red (28%)

Yellow (77%)

Blue (94%)

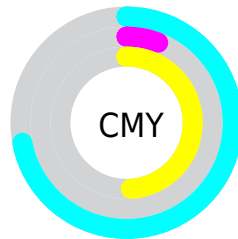


Cyan (70%)

Magenta (0%)

Yellow (45%)

Black (6%)



Cyan (72%)

Magenta (6%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282970243 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 4282970243 by changing the saturation by 10% instead.





4282970243



4282970243

4294967295



4279489385



4287430585



4278237007



4289462229



4278229814



4291493874



4278222876



4293525503



4278215936



4278209280



4278203392




4278196480



4278190080

 4282970243

 4282970243

 4281397363

 4284543123

 4279824484

 4286116002

 4278251604

 4287688882

 4289261761

 4290834641

 4292407520

 4293980400

 4294963455

# Harmonies

## Analogous

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



4290044743



4282970243



4278253261

# Triad

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



4282970243



4278246911



4294940562

# Complementary

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



4282970243



4293937333

# 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.



4294938586



4282970243



4291674879

# Square

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



4282970243



4278251263



4294943487



4294947414

# Rectangle

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



4282970243



4278253311



4294943487



4294939050

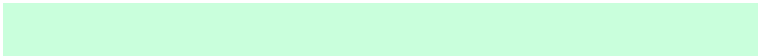


# Sweetspot

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



4282970243



4291428316



4290113608



4284514411



4278190080



4286611584



# Same Dimension

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



4282970243



4280942452



4282970327



4285298800



4278237248



4278204436



# Inverse Universe

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



4293937333



4294912436



4293937249



4286082164



4290248823

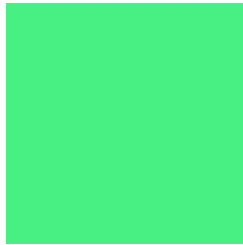


4281860132



# Previews

## White Background



This preview shows how the Android color 4282970243 looks on a white background.

## Color Contrast Check

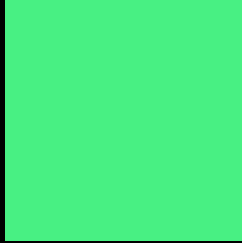
Large Text (above 18pt) WCAG AA × Fail

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 4282970243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

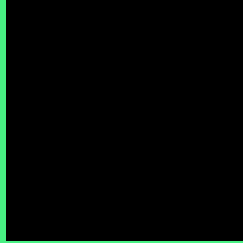
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

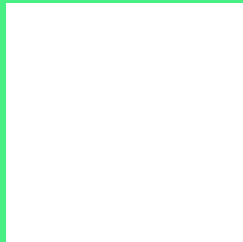
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282970243 Background



This preview shows how black text looks on a background with the Android color 4282970243.

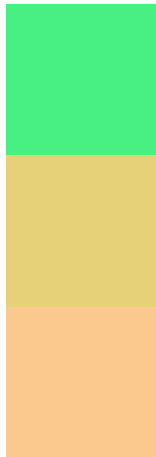


This preview shows how white text looks on a background with the Android color 4282970243.

# 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**  
4282970243

**Protanopia**  
4293316984

**Deuteranopia**  
4294690957



# Trichromacy



**Original Color**

4282970243



**Protanomaly**

4289584252



**Deuteranomaly**

4290434953



**Tritanomaly**

4284606668

# Monochromacy



**Original Color**

4282970243



**Achromatopsia**

4289835441



**Achromatomaly**

4287350944

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282970243 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(72, 240, 131)` looks like.

```
.text, #text, p{  
    color:rgb(72, 240, 131)  
}
```

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(72, 240, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 240, 131) }
```

## Border

The CSS property to change the border of an element to Android 4282970243 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(72, 240, 131) }
```

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

```
.border{ border-color:rgb(72, 240, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 240, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 240, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 240, 131);  
box-shadow:4px 4px 4px 4px rgb(72, 240,  
131) }
```

# Background

The CSS property to change the background color of an element to Android 4282970243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 240, 131) }
```

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

```
.background{ background-color: rgb(72, 240,  
131) }
```

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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