

# Converting Colors

Android(4284874670)

Have a look what the booklet for  
Android(4284874670) contains.

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# **Color**

**Android(4284874670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65FFAE
RGB	101, 255, 174
RGB Percent	40%, 100%, 68%
CMY	0.6039, 0.0000, 0.3176
CMYK	0.60, 0.00, 0.32, 0.00
HSL	148°, 100%, 70%
HSV	148°, 60%, 100%
XYZ	48.7668, 77.3427, 52.4028
YIQ	199.7200, -65.7830, -57.8390

# Conversions

## Conversions Part 2

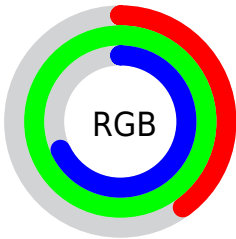
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 205, 255</a>
Decimal	<a href="#">6684590</a>
CIELab	<a href="#">90.48, -58.68, 26.85</a>
CIELCh	<a href="#">90, 64.532, 155.412</a>
Yxy	<a href="#">77.3427, 0.2732, 0.4333</a>
Android (android.graphics.Color)	<a href="#">4284874670 (0xFF65FFAE)</a>
YUV	<a href="#">199.7200, -12.6800, -86.5774</a>
Hunter-Lab	<a href="#">87.9447, -54.9220, 26.2327</a>

# Details

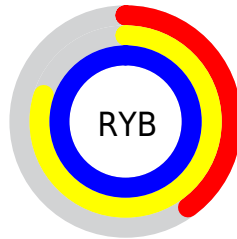
The Android color `4284874670` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294927798`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4289003494`, and `4278764921` is the 20% darker color. If you saturate the color by 10%, you get `4283170721`, and if you desaturate by 10%, it is `4286513083`.

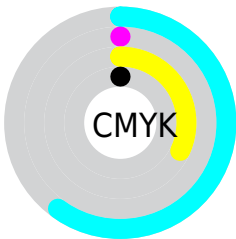
# Distribution



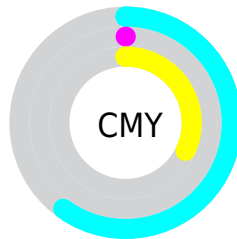
- Red (40%)
- Green (100%)
- Blue (68%)



- Red (40%)
- Yellow (80%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284874670 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 4284874670 by changing the saturation by 10% instead.



 4284874670

 4284874670

4294967295

 4282573459

 4289003494

 4278764921

 4290969599

 4278233440

 4293001215

 4278226503

 4278219568

 4278212889

 4278206465

 4278200576


 4278190848

 4284874670

 4284874670

 4283170721

 4286513083


 4281532307

 4288217033

 4279828358

 4289920982

 4278255481

 4291559396

 4293197809

4294901758

4294967295

# Harmonies

## Analogous

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



4290573691



4284874670



4278255597

# Triad

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



4284874670



4287358975



4294949023

# Complementary

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



4284874670



4294927798

# 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.



4294946779



4284874670



4294430719

# Square

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



4284874670



4278253823



4294949119



4294954611

# Rectangle

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



4284874670



4278255615



4294949119



4294947762

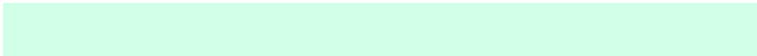


# Sweetspot

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



4284874670



4291952615



4290248549



4284711025



4278190080



4286611584



# Same Dimension

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



4284874670



4282908574



4284874746



4285759609



4278239067



4278206494



# Inverse Universe

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



4294927798



4294920104



4294927722



4286608249



4290707557

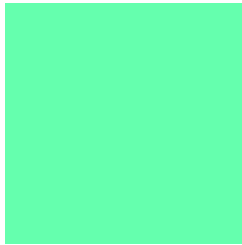


4282384418



# Previews

## White Background



This preview shows how the Android color 4284874670 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 4284874670 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 4284874670 Background



This preview shows how black text looks on a background with the Android color 4284874670.



This preview shows how white text looks on a background with the Android color 4284874670.

# 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





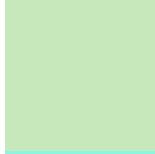
# Trichromacy



**Original Color**  
4284874670



**Protanomaly**  
4290768294



**Deuteranomaly**  
4291291322

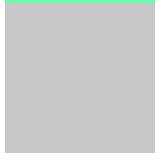


**Tritanomaly**  
4287296994

# Monochromacy



**Original Color**  
4284874670



**Achromatopsia**  
4291348680



**Achromatomaly**  
4288994495

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284874670 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, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(101, 255, 174)  
}
```

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, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 255, 174) }
```

## Border

The CSS property to change the border of an element to Android 4284874670 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, 255, 174) }
```

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

```
.border{ border-color:rgb(101, 255, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 255, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(101, 255,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4284874670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 255, 174) }
```

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

```
.background{ background-color: rgb(101,  
255, 174) }
```

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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