

# Converting Colors

Android(4284084921)

Have a look what the booklet for  
Android(4284084921) contains.

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# **Color**

**Android(4284084921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59F2B9
RGB	89, 242, 185
RGB Percent	35%, 95%, 73%
CMY	0.6510, 0.0510, 0.2745
CMYK	0.63, 0.00, 0.24, 0.05
HSL	158°, 85%, 65%
HSV	158°, 63%, 95%
XYZ	44.6289, 69.1309, 56.8903
YIQ	189.7550, -72.8910, -50.1630

# Conversions

## Conversions Part 2

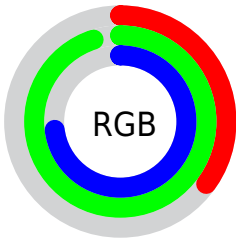
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 183, 242
Decimal	5894841
CIE <sub>Lab</sub>	86.57, -53.48, 15.76
CIE <sub>LCh</sub>	87, 55.756, 163.584
Yxy	69.1309, 0.2615, 0.4051
Android (android.graphics.Color)	4284084921 (0xFF59F2B9)
YUV	189.7550, -2.3442, -88.3621
Hunter-Lab	83.1450, -49.6921, 17.6335

# Details

The Android color `4284084921` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted spring green. A complement of this color would be `4294072722`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4288282609`, and `4278237572` is the 20% darker color. If you saturate the color by 10%, you get `4282512048`, and if you desaturate by 10%, it is `4285657794`.

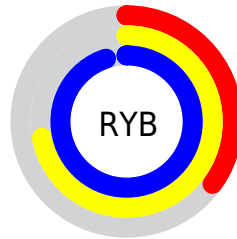
# Distribution



Red (35%)

Green (95%)

Blue (73%)



Red (35%)

Yellow (72%)

Blue (95%)

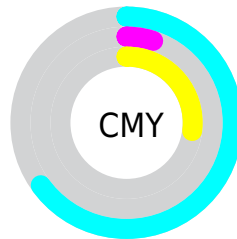


Cyan (63%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (65%)

Magenta (5%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284084921 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 4284084921 by changing the saturation by 10% instead.





4284084921



4284084921

4294967295



4281587102



4288282609



4278237572



4290248703



4278230379



4292280319



4278223442



4294311935



4278216763



4278210341



4278204176



4278198016



4278190080

 4284084921

 4284084921

 4282512048

 4285657794

 4280939175

 4287230667

 4279300766

 4288869076

 4278252184

 4290441949

 4292014822

 4293587695

 4294963960

 4294963967

# Harmonies

## Analogous

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



4289194634



4284084921



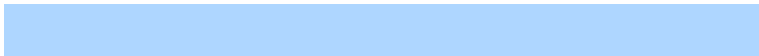
4278252784

# Triad

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



4284084921



4289648383



4294949266

# Complementary

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



4284084921



4294072722

# 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.



4294946498



4284084921



4294755071

# Square

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



4284084921



4280608511



4294947320



4294953842

# Rectangle

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



4284084921



4278252287



4294947320



4294948001

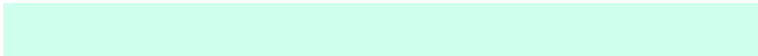


# Sweetspot

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



4284084921



4291821549



4287951449



4284645493



4278190080



4286611584



# Same Dimension

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



4284084921



4282253239



4284080370



4285298803



4278237299



4278204451



# Inverse Universe

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



4294072722



4294917509



4294077273



4286082160



4290248772

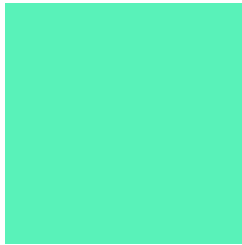


4281860117



# Previews

## White Background



This preview shows how the Android color 4284084921 looks on a white background.

## Color Contrast Check

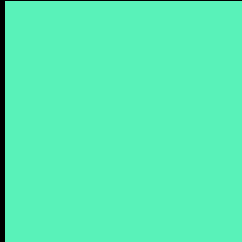
Large Text (above 18pt) WCAG AA × Fail

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 4284084921 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 4284084921 Background



This preview shows how black text looks on a background with the Android color 4284084921.

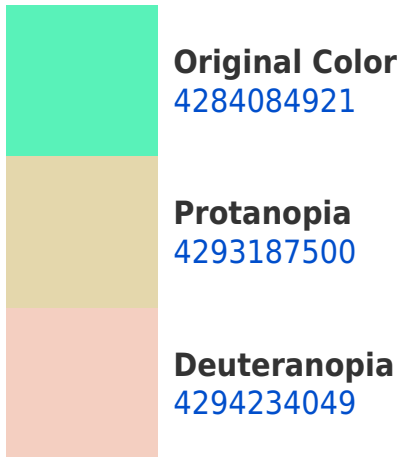


This preview shows how white text looks on a background with the Android color 4284084921.

# 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



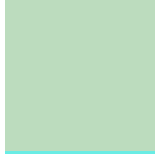
**Original Color**

4284084921



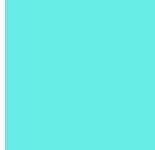
**Protanomaly**

4289847729



**Deuteranomaly**

4290567358



**Tritanomaly**

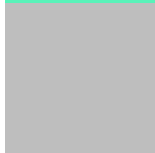
4285132004

# Monochromacy



**Original Color**

4284084921



**Achromatopsia**

4290690750



**Achromatomaly**

4288270780

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284084921 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(89, 242, 185)` looks like.

```
.text, #text, p{  
    color:rgb(89, 242, 185)  
}
```

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(89, 242, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 242, 185) }
```

## Border

The CSS property to change the border of an element to Android 4284084921 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(89, 242, 185) }
```

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

```
.border{ border-color:rgb(89, 242, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 242, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 242, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 242, 185);  
box-shadow:4px 4px 4px 4px rgb(89, 242,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4284084921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 242, 185) }
```

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

```
.background{ background-color: rgb(89, 242,  
185) }
```

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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